

*Memorandum*  
ORIGINAL DESIGN 532.0  
OR, AN  
ALMANACK  
AND *pp. 2465*  
PROGNOSTICATION

For the Year of our LORD GOD, 1669.

Being the first from the Bissextile or Leap-  
year, and from the Creation of the  
WORLD, 5618.

Wherein is contained the State of the year, the  
Eclipses, Lunations, Conjunctions and Aspects of the  
Planets, the increase, decrease and length of the Day and  
Night, with the Rising, Southing and setting of the Sun,  
Moon, planets and fixed Stars throughout the Year;  
whereby may be known the true hour of the Night at all  
times, when either the Moon or Stars are seen.

Calculated according to Art, and referred to the  
Horizon of the ancient and renowned Borough-Town of  
STAMFORD, (formerly a famous University) whose lon-  
gitude is 23 deg. 50 min. Latitude 52 deg. 40 min.  
situing all the middle Counties of ENGLAND, and with  
out sensible error the whole Kingdom.

By VINCENT WING, *Math.*

*Die ac Nocte Verbum & Opera Jehova meditare.*

LONDON, Printed by John Winter, for the  
Company of Stationers.

The Common Notes for this present year, 1669.

According to the		
Julian, English or Old Account.	}}	Gregorian, Forreign or New Account.
17	The Golden Number	17
26	The cycle of the Sun	26
7	The Epact	27
C	The Dom nical Letter	F
7	The Roman Indiction	7

The Terms and their Returns this year.

**Hilary Term** begins the 23 of January, and ends the 12 of February, and hath 4 Returns, viz.

Oñab. Hilar. Jan. 20  
Quind. Hil. Jan. 27  
Crast. Purif. Feb. 3  
Oñab. Purif. Feb. 10

**Easter Term** begins the 28 of April, and ends the 24 of May, and hath 5 Returns, viz.

Quind. Pasc. April 26  
Tres Pasc. May 3  
Mens. Pasc. May 10  
Quinq. Pasc. May 17  
Crast. Ascens. May 21

**Trinity Term** begins the 11 of June, and ends the 30, and hath 4 Returns, viz.

Crast. Trin. June 7  
Oñab. Trin. June 14  
Quind. Trin. June 21  
Tres Trin. June 28

**Michaelmas Term** begins the 23 of October, and ends the 28 of November, and hath 6 Returns, viz.

Tres Mich. Oñab. 20  
Mens. Mich. Oñab. 27  
Crast. Anim. Nov. 3  
2<sup>a</sup> Mart. Nov. 12  
Oñab. Mart. Nov. 18  
Quind. Mart. Nov. 25

CHARLES the Second our most gracious King, began his Reign over Great Britain the 30 of January 1648. (at what time those bloody Regicides so barbarously murder'd his Royal Father CHARLES the First of ever glorious Memory) and hath Reigned 20 years compleat, the 29 of January this year 1669. but the 30 is, *Initium Anni Regni sui* 21.

God preserve our Gracious King from all his Enemies, and grant him a long and prosperous Reign over us.

# A Table shewing the bearing Distance, and Longest day, and difference of Meridians of most of the principal Cities in the World, from the Famous City of LONDON.

Names of the places	The way or point of bearing,	Dist. in miles	Long- est day		Differ. meridi.	
			H	M	H	M
Alexandria in Egypt	s. e. by e.	2169	14	0	2	42 A
Amsterdam in Holland	e. by no.	266	16	40	0	28 A
Athens in Greece	s. e. by e.	1642	14	40	0	56 A
Antwerp in Brabant	East ferè	248	16	28	0	24 A
Barwick	North ferè	267	17	24	0	2 A
Babylon	ea. so. ea.	2724	14	25	3	56 A
Bethsaida	s. e. by e.	2369	14	6	2	29 A
Bermoudas	w. so. w.	3409	14	10	4	56 A
Calicut in East India	so. ea. by ea.	5214	12	20	6	2 A
Callis in France	ea. by so.	86	14	25	0	9 A
Constantinople	ea. so. ea.	1549	15	15	2	24 A
Dublin in Ireland	no. w. by w.	296	17	15	0	26 A
Dantzick	ea. no. ea.	961	17	5	1	44 A
Damascus	ea. so. ea.	2404	14	15	3	16 A
Edenburgh in Scotland	North	328	17	40	0	0 A
Ephesus	ea. so. ea.	1808	14	40	1	30 A
Florence	south east	802	15	10	0	57 A
Frankford	East ferè	448	16	15	0	47 A
Hamburg	ea. no. ea.	538	18	0	0	36 A
Hierusalem	s. ea. by ea.	2552	14	2	9	3 A
Ideland	no. no. w.	930	21	44	0	52 S
Joppe	so. ea. by ea.	2512	14	6	2	0 A
Lisbone in Portugal	so. so. w.	985	14	45	1	0 A
Middleburgh in Zealand	East	205	16	30	0	20 A
Mentz in Germany	East	410	16	25	0	45 A
Millain	so. ea. ferè	645	15	22	0	48 S
Morocco in Barbary	so. so. w.	1449	14	0	0	28 S
Mexico	w. by so.	6844	13	20	9	59 A
Naples	so. ea. by ea.	1051	14	50	0	16 S
Niniveh	ea. so. ea.	2635	14	30	3	32 S
Paris in France	so. so. ea.	215	15	57	0	20 A
Philippi in Macedonia	ea. so. ea.	1395	15	10	2	10 A
Prague in Bohemie	East ferè	700	16	15	1	14 A
Quinxal, the greatest City in the World.		7172	18	35	11	28 A
Rome	so. ea. by ea.	887	15	4	1	7 A
Spiers	ea. by so.	430	16	2	0	46 A
Strawborough	ea. by so.	432	16	0	2	41 A
Toledo in Spain	so. by w.	914	14	36	5	36 A
Troy	ea. so. ea.	1605	15	0	2	24 A
Tumbs	so. w. by w.	6045	12	15	6	58 S
Venice	ea. so. ea.	744	15	28	1	3 A
Civil	so. by w.	950	14	40	0	53 S
Yerk	North ferè	150	17	0	0	4 S
LONDON.			16	24	0	0 S

A most plain and easie Table shewing the true time  
of the Beginning, Continuance, and Years since  
the Reign of each King and Queen in ENGLAND, since the  
Conquest, untill this present Year, 1669.

The Kings Names	Began their Reigns	The time they Reigned, ye. mon. da.	Since they Reigned
Will. Conq.	1066 Octo. 14	20 11 22	582 Sept. 9
Will. Rufus	1087 Sept. 9	12 11 19	569 August 1
Henry I	1100 August 1	35 4 11	534 Dec. 2
King Stephen	1135 Dec. 2	18 11 19	515 Octo. 25
Henry II	1154 Octo. 25	34 9 2	480 July 6
Richard I	1189 July 6	9 9 0	470 April 6
King John	1199 April 6	17 7 0	453 Octo. 19
Henry III	1216 Octo. 19	56 1 0	397 Nov. 16
Edward I	1272 Nov. 16	34 8 6	362 July 7
Edward II	1307 July 7	19 7 5	343 Jan. 25
Edward III	1329 Jan. 25	50 5 7	292 June 21
Richard II	1377 June 21	11 3 14	270 Sept. 29
Henry IV	1399 Sep. 29	13 6 3	256 March 20
Henry V	1412 March 20	9 5 24	247 Aug. 31
Henry VI	1422 Aug. 31	38 6 16	209 May 4
Edward IV	1460 March 4	22 1 8	186 April 9
Edward V	1483 April 9	0 2 18	186 June 21
Richard III	1483 June 21	2 2 5	184 Aug. 22
Henry VII	1485 Aug. 22	23 10 2	160 April 22
Henry VIII	1509 April 22	37 10 2	123 Jan. 28
Edward VI	1547 Jan. 28	6 5 19	116 July 6
Q. Mary	1553 July 6	5 4 22	111 Nov. 17
Q. Elizabeth	1558 Nov. 17	44 4 16	67 March 24
King James	1602 March 24	22 0 3	44 March 27
Charles I	1625 March 27	22 10 3	21 Jan. 30
Charles II	1648 Jan. 20	as from God grant long to reign	

God save King CHARLES his foes destroy,  
And such as do his Realms annoy.

1 Pet. 2. 17. Fear GOD, Honour the KING.



## To find the time of the Suns Rising and Setting.

**I**N the third Column of the ALMANACK, amongst the *Festival Days*, you have the hour and minute of the *Suns rising and setting*, set down every fourth, or fifth day in the Year, which is so exceeding easie, that explanation is needless.

## To find the time of the Moons coming to the South.

**I**N the following Table you have the hour and minute of the *Moons coming to the South*, ready set down against the day of the month, for every day in the year; therefore find your month on the top of the Table, and your day in the first row on the left hand, under the Title *Days*, and in the angle of meeting, you have the time of her *Southing* desired. As upon the 1 of *January* you may find by the Table that the Moon will be South at 7 a clock, and 47 min. in the afternoon; the 2 day at 8 a clock and 35 min. and the 3 day at 9 and 23 min. which is so easie, that I need not explain it further.

## To find the true time of the Moons rising & setting.

**T**O find the just time when the Moon riseth or sets, you need do no more but cast your eye upon the last Column of the left hand Page of the *Almanack*, under the Title [*The Moons rising and setting*] and sight against the day of the month, you have the same without further trouble. As upon the 8 of *January* you may there see the Moon riseth at 5 a clock and 4 min. in the afternoon; the 9 day at 6 and 13 min. and the 10 day at 7 and 25 minutes.

So the 22 day you may see that she sets at 4 a clock and 58 m. the 23 day at 6 and 33 min. and the 24 day at 8 and 3 min. in the afternoon; as the letter A denotes; for from the day you find the letter A, it is all the while afternoon, till you come to the letter M, and so from M it is morning till you come to the *New or Full Moon*.

Thus by ocular inspection only you may find her rising and setting any other day, namely her rising from the *Full Moon* to the *New Moon*, and her setting from the *New Moon* to the *Full Moon*, as next here be seen.

Plal. 104. 19. *Peccit Lunam in tempora: Sol cognovit occasum suum.*

**A Table shewing the hour and minute of the  
Moons coming to the South the first six  
Months of this Year, 1669.**

day	Jan.	Febr.	March	April	May	June
	H M	H M	H M	H M	H M	H M
1	7 <sup>A</sup> 47	8 <sup>A</sup> 54	7 <sup>A</sup> 43	8 <sup>A</sup> 51	8 <sup>A</sup> 58	9 <sup>A</sup> 55
2	8 35	9 44	8 31	9 33	9 44	10 50
3	9 23	10 30	9 18	10 18	10 31	11 49
4	10 14	11 18	10 4	11 2	11 22	12 52
5	11 2	12 1	10 49	11 46	12 13	0 <sup>M</sup> 52
6	11 51	0 <sup>M</sup> 1	11 31	12 35	0 <sup>M</sup> 13	1 54
7	12 38	0 42	12 13	0 <sup>M</sup> 35	1 8	2 54
8	0 <sup>M</sup> 38	1 25	0 <sup>M</sup> 13	1 30	2 12	3 52
9	1 23	2 8	0 58	2 26	3 16	4 46
10	2 3	2 52	1 44	3 24	4 16	5 36
11	2 45	3 40	2 34	4 22	5 12	6 24
12	3 28	4 29	3 27	5 20	6 3	7 12
13	4 11	5 22	4 22	6 19	6 53	8 0
14	4 55	6 19	5 19	7 13	7 41	8 49
15	5 44	7 18	6 19	8 4	8 29	9 39
16	6 36	8 19	7 18	8 55	9 18	10 29
17	7 30	9 19	8 16	9 44	10 7	11 21
18	8 30	10 18	9 10	10 34	10 56	0 <sup>A</sup> 12
19	9 31	11 14	10 3	11 23	11 48	1 1
20	10 34	0 <sup>A</sup> 9	10 56	0 <sup>A</sup> 13	0 <sup>A</sup> 40	1 48
21	11 36	1 1	11 48	1 6	1 3	2 33
22	0 <sup>A</sup> 34	1 52	0 <sup>A</sup> 37	1 58	2 22	3 16
23	1 29	2 41	1 28	2 51	3 2	3 59
24	2 21	3 32	2 18	3 4	4 0	4 41
25	3 11	4 21	3 11	4 31	4 44	5 22
26	4 0	5 13	4 3	5 20	5 26	6 5
27	4 48	6 3	4 53	6 6	6 9	6 49
28	5 37	6 53	5 44	6 49	6 49	7 37
29	6 25		6 33	7 32	7 32	8 28
30	7 14		7 20	8 1	8 18	9 24
31	8 4		8 6		9 5	

**A Table shewing the hour and minute of the  
Moons coming to the South, the last six  
Months of this Year, 1669.**

Days	July	August	Septem.	Octob.	Novem.	Decem.
	h m	h m	h m	h m	h m	h m

1	10 A 27	12 A 15	0 M 50	1 M 25	2 M 49	3 M 1
2	11 29	0 M 15	1 44	2 18	3 42	3 45
3	12 34	1 9	2 36	3 13	4 33	4 27
4	0 M 34	2 4	3 29	4 7	5 19	5 9
5	1 32	2 56	4 21	4 58	6 1	5 50
6	2 30	3 48	5 14	5 50	6 45	6 32
7	3 23	4 38	6 6	6 38	7 27	7 13
8	4 13	5 30	6 58	7 23	8 7	7 57
9	5 3	6 21	7 49	8 7	8 49	8 44
10	5 52	7 13	8 36	8 51	9 32	9 35
11	6 41	8 2	9 21	9 32	10 19	10 28
12	7 30	8 52	10 4	10 13	11 7	11 27
13	8 21	9 43	10 47	10 57	0 A 0	0 A 27
14	9 12	10 30	11 29	11 43	0 55	1 27
15	10 3	11 14	0 A 11	0 A 29	1 53	2 24
16	10 53	11 57	0 54	1 18	2 51	3 20
17	11 42	0 A 39	1 39	2 11	3 49	4 11
18	0 A 28	1 21	2 27	3 7	4 46	5 3
19	1 11	2 5	3 16	4 4	5 36	5 51
20	1 55	2 48	4 9	5 1	6 30	6 40
21	2 36	3 32	5 5	5 56	7 18	7 29
22	3 17	4 20	6 3	6 51	8 6	8 19
23	3 59	5 10	7 0	7 46	8 55	9 11
24	4 44	6 4	7 58	8 38	9 46	10 4
25	5 29	6 59	8 54	9 28	10 38	10 57
26	6 17	7 59	9 49	10 19	11 33	11 50
27	7 10	8 59	10 42	11 10	12 28	12 40
28	8 6	9 59	11 36	12 4	0 M 28	0 M 40
29	9 7	10 58	12 29	0 M 4	1 10	1 27
30	10 10	11 55	0 M 19	1 0	2 12	2 10
31	11 13	12 50		1 55		2 52

# January begh XXXI. days.

- Full moon the 7 day, 35 min. past 4 in the morning.
- Left quarter the 15 day, 44 min. past 4 in the moyn.
- New moon the 21 day 43 min. past 9 at night
- First quarter the 28 day, 19 min. past 7 at night.

M	W	Holydays, with	Moons	Planets Aspects, & Moons	ri
D	D	Suns rif. & set.	figs	change of air.	ling & set.
1	a	New years day	taurus 19	Indifferent.	2 M 46
2	b	Sun set 3 55	gemini 1	Freezing. ☿ ♀ D	4 3
3	c	Enoch	gemini 13	* ♀ 11 p. Rain,	5 15
4	d	Telephorus	gemini 25	snow, or sleet.	6 22
5	e	Sun rise 8 0	cancer 7	Warm. △ ♂ D	7 21
6	f	Twelf-day.	can 19	D in Apog.	8 5
7	g	Julian	leo 1	Seasonable.	Full ☾
8	a	Sun set 4 4	leo 13	Overcast.	5 A 4
9	b	Marcel	leo 25	☿ ♀ D 12 p. Fair	6 13
10	c	1 Sun. at Epip	virgo 7	△ ☉ ♀ 3 p. and	7 25
11	d	Sun rise 7 52	virgo 19	windy. ☐ ♀ D 7 p.	8 42
12	e	Anchade	libra 1	SS. ♀ ♀. Fitting	9 55
13	f	HILARY	libra 14	the season.	11 13
14	g	Felix	libra 26	* ♀ ☾ 11 a. Indif.	12 37
15	a	Sun set 4 14	scorp 9	ferent.	0 M 37
16	b	Marcellus	scorp 23	♀ in Aphel. Wind	2 6
17	c	2 Sun. at Epip.	sagitt 7	* ♀ ♀ 8 a. and	3 31
18	d	Sun rise 7 41	sagitt 21	clouds. V. c. ♀ ♀	4 58
19	e	Walton	capri 6	D in Perigao.	6 14
20	f	Sebastian	capric 21	Snow-like.	7 15
21	g	Sun set 4 25	pisc 6	△ ♀ D 4. a.	New ☾
22	a	Vincent	pisc 21	Cold Td. ☉ ♀	4 A 53
23	b	Term begins.	aqua 6	△ ♀ ♀ 8 p. Windy	6 33
24	c	3 Sun. at Epip.	aqua 21	Aperio Porta-	8 3
25	d	Coar S. Paul	aries 5	☿ ☉ ♀ 5. a. rum	9 30
26	e	Sun rise 7 26	aries 19	valida Snow or	10 57
27	f	Julian	taurus 2	rain about the	12 20
28	g	Valerius	taurus 15	23, 24, and 25. days.	0 M 20
29	a	Sun set 4 40	taurus 28	Frost like	1 43
30	b	K. Charles M.	gemini 10	Mild. Td. ♀ ♀	2 58
31	c	4 Sun. at Epip	gemini 23	* ♀ ♂ 12.	4 9

Moons Setting.

Moons Rising.

Moons Setting.

# JANUARY. 1669.

The { 2 day at noon, Jupiter  
 19 day at 5 morn. Venus  
 20 day at 9 night Mercury } is with the Moon.  
 22 day at 2 morn. Saturn  
 24 day at 10 night, Mars  
 29 day at 6 aftern Jupiter }

## D H M Full Sea at London-bridge.

1	10	A 3	Seven Stars south at 7 ho. 57 min. at night.
2	11	41	Venus is a morning star.
3	12	29	
4	0	M 29	
5	1	20	Day 8 hours long.
6	2	8	Saturn cannot be seen.
7	2	57	Jupiter south at 7 ho. 56 min. at night.
8	3	44	Morning Star riseth at 5 ho. 9 min. morn.
9	4	29	
10	5	9	
11	5	51	Seven Stars south at 7 ho. 14 min. at night.
12	6	34	Mars sets at 8 ho. 26 min. at night.
13	7	17	
14	8	1	
15	8	50	
16	9	42	Day 8 hours and a half long.
17	10	36	Jupiter south at 7 ho. 13 min. at night.
18	11	36	Morning Star south at 5 ho. 22 min. morn.
19	0	A 37	
20	1	40	
21	2	42	Seven Stars south at 6 ho. 33 min. at night.
22	3	40	
23	4	35	
24	5	27	Day 9 hours long.
25	6	17	Mars sets at 8 ho. 23 min. at night.
26	7	6	Saturn begins to be a morning star.
27	7	54	Jupiter south at 6 ho. 33 min. at night.
28	8	43	Morning Star riseth at 5 ho. 37 min. morn.
29	9	31	Seven Stars south at 6 ho. 0 min. at night.
30	10	20	
31	11	10	



# February hath XXVIII days.

- Full moon the 5 day, 38 m. past 11 at night.
- ☾ Last quarter the 3 day, at 4 in the afternoon.
- New moon the 20 day, at 55 m. past 7 in the morning.
- ☾ First quarter the 27 day at 41 m. past noon.

Holydays, with		Moons	Planets Aspects, &	Moons ri
Sun rise. & set.		signs	change of air.	sing & set
11 di	Sun. rise 7 15	cancer 4	☐ ♂ D 7 a. wind	5 M 11
12 a	Purif. B. Mary	cancer 16	♂ ♀ 8 a. rain	6 0
13 ff	Blaise	cancer 28	☾ in Apog or	6 39
14 ff	Gilbert	leo 10	Snow △ ♂ ☾ 1 a.	7 5
15 a	Sun set 4 54	leo 22	♂ ♀ ☾ 1 p. windy	Full ☾
16 b	Dorothy	virgo 4	and cold ☐ ♀ D	5 A 13
17 C	Septuagesima	virgo 16	Fair, and	6 28
18 di	Salome	virgo 28	Seasonable.	7 45
19 a	Sun rise 6 59	libra 11	Very high winds	9 1
20 ff	Scholastica	libra 23	☐ ☉ ♄ ☽ ☐ ♀ ☽	10 24
21 g	Sotber	scorp 6	☽ ☉ ♄ 3 p. about	11 47
22 a	Term ends.	scorp 19	these days.	13 13
23 b	Sun set 5 9	agie 3	△ ♀ ☽ 11 a. Fair	1 M 13
24 C	Sexages. Val.	agie 17	Frost-like.	2 41
25 di	Fauntine	capric 1	Indifferens.	3 59
26 a	Juliana	capric 15	☐ ♂ D 10 a. Fair	5 4
27 ff	Sun rise 6 43	aqua 0	D in Perigao.	5 49
28 g	Concord	aqua 15	* ♂ ☾ 0. Cloudy	6 20
29 a	Sabin.	pisces 0	Strong. ☽ ♀ ☽	6 42
30 b	Maldred.	pisces 15	♂ ♀ ☾ 11 p Vari.	New ☾
31 C	Shrove Sunday	pisces 29	able * ♀ ☽ 7 p.	7 A 4
1 di	Sun set 5 28	aries 14	fleet ♂ ♂ D 9 p.	8 32
23 o	Shrovetuesday	aries 28	Fair and temperate	9 59
24 ff	S. Mathias	taurus 11	△ ♀ ♂ 2 a. warm	11 23
25 g	Walburg.	taurus 24	cloudy ☐ ♀ ☽ 3 a	12 45
26 a	Sun rise 6 24	gemini 7	♂ ♀ ☽ 6 a. fair	0 M 45
27 b	Augustine	gemini 19	♂ ♀ ☽ 3 p. Rain,	2 3
28 C	1 Sun. in Len	cancer 1	or cold flabby.	3 9

Moons Setting.

Moons Rising.

Moons Setting.

# FEBRUARY. 1669.

{ 18 day at 1 morn. Venus  
 Same day at 6 night, Satu.  
 20 day at 11 night, Mercu.  
 22 day at 9 night, Mars  
 25 day at 2 afternoon, 7 \*  
 27 day at 6 morn. Jupiter } is with the Moon.

D	H.	M	Full Sea at London-bridge.
1	12	0	Day 9 hours and a half long.
2	0	M 0	
3	0	50	
4	1	36	Seven Stars south at 5 ho. 1 min. at night.
5	2	24	Jupiter south at 9 ho. 1. min. at night.
6	3	7	Morning Star riseth at 5 ho. 46. min. morning.
7	3	48	
8	4	31	Day 10 hours long.
9	5	14	Mars sets at 8 ho. 35. min. at night.
10	5	58	
11	6	46	Mercury lies hid under the Sun-beams.
12	7	35	Jupiter south at 5. ho. 36 min. at night.
13	8	28	
14	9	25	Valentine.
15	10	24	
16	11	25	Day 10 hours and a half long.
17	0	A 15	
18	1	24	Seven Stars south at 4 ho. 44 min. at night.
19	2	20	Saturn riseth a little before the Sun.
20	3	15	Jupiter south at 5 ho. 11 min. at night.
21	4	7	Mars sets at 8 ho. 42 min. at night.
22	4	58	
23	5	47	Day 11 hours long.
24	6	38	Morning Star riseth at 5 ho. 37 min. morn.
25	7	27	
26	8	19	
27	9	9	Jupiter south at 4 ho. 47 min. at night.
28	9	59	Mars sets at 8 ho. 46 min. at night.

# March hath XXXI. days.

- Full moon the 7 day, 36 min. past 4 in the afternoon.
- Last quarter the 15 day, 8 min. before 1 in the morn.
- New moon the 21 day, 22 min. past 6 at night.
- First quarter the 29 day, 18 min. past 7 in the morn.

W D	W D	Holy days, with Suns ris. & set.	Moons signs	Planets Aspects, & change of air	Moons ri- sing & set.	
1	d	David	cancer 13	♀ in Perihelio.	4M 3	Moons Setting.
2	e	Chad	cancer 15	Fair D in Apog	4 44	
3	f	Sun rise 6 15	leo 6	Fitting the season.	5 15	
4	g	Adrian	leo 18	* ♂ ♀ 1 a. Moi.	5 37	
5	a	Seaface	virgo 0	Fair and warm.	5 5	
6	b	Erideline	virgo 12	Indifferent	6 11	
7	c	Sun in Lent	virgo 25	weather.	Full	
8	d	Sun set 5 55	libra 7	△ U D 7 a. Clear.	6A 56	
9	e	Prudence	libra 20	♂ ♀ D 6 a. Wind.	8 10	
10	f	Agape virg.	scorpio 3	Warm.	9 42	
11	g	Candidaz	scorp 16	Cloudy. □ h 8 p	11 9	Moons Rising.
12	a	Sun rise 5 57	sagit 0	□ U ♀ 8 p. Fair.	12 36	
13	b	Theodore	sagit 13	Wavering.	0M 6	
14	c	Sun in Lent	sagit 27	Q h ♂ Warm.	1 57	
15	d	Longine	capric 11	♀ in Aphelio	3 5	
16	e	Sun set 6 11	capric 25	* ☉ U 11 p. D Peri	3 57	
17	f	PATRICK	aqu 10	Clearing and	4 31	
18	g	Joseph	aqu 24	windy. * ♀ D 7 a.	4 54	
19	a	Rupert	pis. 8	□ U D 9 a. fair.	5 11	
20	b	Sun rise 5 39	pis. 23	SS M ♂.	5 28	
21	c	Sun in Lent	aries 7	Seasonable.	New	Moons Setting.
22	d	Benedict	aries 21	Variable. SS. ♀ ♀	7A 38	
23	e	Victorian	taurus 5	♂ ♂ D 7 p. Warm.	9 5	
24	f	Sun set 6 29	taurus 19	Cloudy. □ h D 6 p	10 29	
25	g	Ann. B. Mary	gem 2	SS. h ♀ Windy.	11 51	
26	a	Cassius	gem 15	♂ ☉ ♀ 7 p. cold	13 4	
27	b	Martian	gem 27	weather.	1M 4	
28	c	Sun in Lent	cancer 9	□ ♀ D 11 p.	2 3	
29	d	Sun rise 5 20	cancer 21	Q U ♀ : SS. ♂ ♀	2 50	
30	e	Guido	leo 3	D Apog. Cloudy.	3 25	
31	f	Ad-lm high	leo 14	Warm	3 50	

# MARCH. 1669:

The { 18 day at 8 morn. Saturn  
19 day at 10 night, Venus  
22 day at 8 morn. Mercury } is with the Moon.  
23 day at 7 night, Mars  
24 day at 11 night 7 \*  
25 day at midnight, Jupiter }

## DH M Full Sea at London-bridge.

1	10	A 49	
2	11	37	Day 11 hours and a half long.
3	12	24	Great Dog south at 6 h. 55 min. at night.
4	0	M 24	Jupiter south at 4 h. 32 m. at night.
5	1	10	Morning Star riseth at 5 h. 28 m. morn. S. H.
6	1	55	
7	2	37	
8	3	19	☿ in his greatest matutine Digression from the Sun.
9	4	4	
10	4	50	Equal day and night 12 hours
11	5	40	
12	6	33	Jupiter south at 4 h. 7 min afternoon.
13	7	28	Mars sets at 8 ho. 54 min. at night.
14	8	21	Great Dog south at 6 h. 18 min. at night.
15	9	25	<i>Da pacem Domine in diebus his seclerash.</i>
16	10	24	
17	11	22	Day 12 hours and a half long.
18	0	A 16	Morning Star riseth at 5 ho. 10 min. morn.
19	1	9	
20	2	2	
21	2	54	Jupiter sets at 11 ho. 46 min. at night.
22	3	43	Mars sets at 9 ho. 1 min. at night.
23	4	34	
24	5	24	Day 13 hours long.
25	6	17	
26	7	9	Lions heart south at 8 ho. 40 m. at night.
27	7	59	Seven Stars set at 10 ho. 44 m. night.
28	8	50	
29	9	39	Jupiter sets at 11 ho. 20 m. at night.
30	10	26	Morning Star riseth at 4 ho. 50. min. morn.
31	11	1.	

# April hath XXX days.

- Full moon the 6 day, 50 min. past 6 in the morning.
- ☾ Last quarter the 13 day, 15 min. past 7 in the morn.
- New moon the 20 day, 22 min. past 5 in the morn.
- ☾ First quarter the 28 day, 4. min. past 2 in the morn.

M.	D.	Holydays with Sun rif. & set.	Moons signs	Planets Aspects, & change of air.	Moons ri- sing & set.
1	g	Theodore	leo 26	♂ h D 5 a. same	4 9
2	a	Sun set 6 48	virgo 9	* ☉ h 2 p. hail	4 23
3	b	Ulpian	virgo 21	very warm	4 34
4	c	Palm Sunday	libra 3	♂ ♀ D o. Cool	4 47
5	d	Gorhard	libra 16	air. ♂ ♀ 1 a.	4 58
6	e	Sun rise 5 4	libra 29	* ♃ ♀ 3 a. windy.	Full
7	f	Nat. Platonis	scorp 13	Seasonable	9 A 1
8	g	Stanislaus	scorp 26	♂ ♂ 1 a. windy.	10 29
9	a	Vincent	sagit 10	♂ ♀ ♀ 11 1. wet.	11 55
10	b	Sun set 7 4	sagit 24	* ♃ ♀ 1 p. Fairer.	13 8
11	c	E. Act day	capric 8	Indifferent.	1 M 8
12	d	Gordian M.	capric 22	△ ♂ D 3 p. Hail	2 3
13	e	Justin	aquar 6	☐ h ♂ 2 a. and	2 43
14	f	Sun rise 4 48	aquar 20	thunder ♀ Aphel.	3 9
15	g	Oswald	pisces 4	☉ h. Dark.	3 27
16	a	Isidore	pisces 18	Fair and warm.	3 42
17	b	Anticere	aries 2	* ♂ 2 a.	3 55
18	c	I Sun. af. East.	aries 16	* ♃ ♀ 4 a. windy	4 10
19	d	Sun set 7 21	taurus 0	Overcast.	4 23
20	e	Victor B.	taurus 14	Temperate.	New
21	f	Simeon B.	taurus 27	* h ♀ 6 a. Gold	9 A 32
22	g	Sother virg.	gemin 10	rain. ♂ ♃ D 7 p.	10 50
23	a	S. George	gemin 22	SS ☉ ♃.	12 0
24	b	Sun rise 4 30	cancer 5	Pretty good.	0 M 0
25	c	St. Mark Evan	cancer 17	☐ ♀ 4 p.	0 51
26	d	Clete	cancer 29	in Appgao	1 30
27	e	Anastatus	leo 11	* ♃ 8 p. fair	2 0
28	f	Term. begins	leo 22	♂ h 4 p. cloud.	2 20
29	g	Sun set 7 38	virgo 4	☐ ♂ wind and	2 34
30	a	Erkinwald.	virgo 16	* h ♀ 11 a. clouds	2 47

Moons setting.

Moons Rising.

Moons setting.



# APRIL. 1669.

The { 9 day at 3 morn. Cor. m  
14 day at 6 night, Saturn  
18 day at 5 morn. Merc.  
18 day at 8 night, Venus  
21 day at 5 night, Mars  
22 day at 7 night, Jupiter } is with the Moon.

## D. H. M Full Sea at London-bridge.

1	11	A	57	Day 13 hours and a half long.
2	12		39	Seven Stars set at 10 h. 22 min. at night.
3	0	M	39	Saturn South as 8 ho. 14 m. in the morning.
4	1		24	Jupiter sets at 11 h. 7 min. at night.
5	2		8	Morning Star riseth at 4 h. 43 min. morn.
6	2		52	
7	3		41	
8	4		36	Day 14 hours long.
9	5		32	
10	6		30	
11	7		28	Seven Stars sets at 9 ho. 46 min. at night.
12	8		26	Mars cannot be seen.
13	9		25	Jupiter sets at 10 h. 44 min. at night.
14	10		19	
15	11		10	Day 14 hours and a half long.
16	0	A	1	Morning Star riseth at 4 h. 20 m. morn.
17	0		50	
18	1		40	
19	2		29	
20	3		19	Sun Eclipsed, but not seen of us.
21	4		12	
22	5		4	The Seven Stars now draw near the Sun.
23	5		57	Mercury in his greatest Digression from the Sun.
24	6		48	Day 15 hours long.
25	7		37	
26	8		26	Jupiter sets at 10 h. 8 min. at night.
27	9		12	Morning Star riseth at 4 h. 2 min. in the morn.
28	9		55	
29	10		38	
30	11		22	

# May hath XXXI. days.

- Full moon the 5 day, at 6 a clock in the aftern.
- Last quarter the 12 day, at 33 min in the aftern.
- New moon the 19 day, 25 min past 5 in the aftern.
- First quarter the 27 day, half an hour past 7 at night.

M	W	Holydays, with	Moons	Planets	Aspects, &	Moons ri-
D	D	Sun. ris. & set.	signs	change of air		sing & set.
1	b	S. Phil. & Jag	virgo	29	Net much amts.	3 M 0
2	c	3 Sun. af. East.	libra	11	△ ♀ D 8 p. Fair	3 11
3	d	Sun rise 4 16	libra	24	♂ ♀ D 8 p. variab.	3 22
4	e	Florian	scorp	8	♂ ♀ D 5 p. Hail	3 36
5	f	Gorhard	scorp	21	□ ○ h 2 p. and	Full
6	g	Jo. ante Port.	scorp	5	thunder.	9 A 30
7	a	John B. ver.	scorp	20	♂ ♀ D 7 a. Fair.	10 54
8	b	Sun set 7 52	capric	4	h ♀. Cool.	12 1
9	c	4 Sun. af. East	capric	18	Cloudy. △ ♀ D 8 a.	0 M 1
10	d	Anchony	aquar	3	♀ Diacutro.	0 47
11	e	Mamerc	aquar	17	Fair and warm.	1 17
12	f	Sun rise 4 2	pisces	1	♂ ♀ 1 a.	1 38
13	g	Servatius	pisces	15	Temper. 33 ♂ ♀	1 54
14	a	Basilace	pisces	29	Indifferen	2 5
15	b	Sophia	aries	12	in * ♀ ♂. Cold	2 16
16	c	Ragation Sun.	aries	26	□ h ♀ 11 a. rain.	2 30
17	d	Sun set 8 3	taurus	9	♀ Vac. cnrj.	2 45
18	e	Dioscord.	taurus	22	Wind and clouds	3 1
19	f	Bernard	gem	5	□ h ♀ 2 a.	New
20	g	Ascensia day	gem	18	♂ ♀ ♂ Hail, rain	9 A 44
21	a	Sun rise 3 53	cancer	0	♂ ♀ 11 a. and	10 43
22	b	Julian Vir.	cancer	13	♂ ♀ 9 p. thun	11 26
23	c	6 Sun. af. East	cancer	25	der. ○ 12 17 II	12 0
24	d	Termin ends	leo	7	in Apogeo	0 M 0
25	e	Sun set 8 11	leo	19	Fair and warm.	0 23
26	f	Edward	virgo	0	♂ h 1 a.	0 40
27	g	Bede	virgo	12	Dark □ ♀ D 4 a.	0 53
28	a	German. B.	virgo	24	h star in △ ♂ 3 a	1 6
29	b	Sun rise 3 45	libra	7	♂ ♀ 8 p. High	1 14
30	c	Whit. Sun.	libra	19	winds end th:	1 25
31	d	Petrone!	scorp	2	♂ ♀ 8 p. mon.	1 39

Moons Setting.

Moons Rising.

Moons Set.

MAY. 1669.

The { 11 day at 2 morn, Saturn  
18 day at 3 aftern. Mercury  
18 day at 10 night, Venus  
20 day at 2 aftern. Mars  
30 day at 3 aftern, Jupiter } is with the Moon

D.	h.	m.	Full Sea at London-bridge.
1	12	A 4	Morning star riseth at 3 ho. 55 min. morn.
2	0	M 4	Cor m occidit manè.
3	0	50	Day 15 hours and an half long.
4	1	37	
5	2	28	The seven stars are now with the Sun.
6	3	19	Saturn south at 6 ho. 15 min. in the morn.
7	4	14	
8	5	18	
9	6	23	
10	7	22	The Moon appears great at her rising.
11	8	18	Morning star can hardly be seen.
12	9	9	
13	9	59	
14	10	47	Day 16 hours long.
15	11	35	Saturn south at 5. ho. 40 min. in the morn.
16	0	A 24	The present Configurations promise plenty,
17	1	1	which I hope will yet continue.
18	2	2	
19	2	54	Spica $\gamma$ south at 8 ho. 44 min. at night.
20	3	46	
21	4	38	Jupiter and Mars are in Conjunction in 20.
22	5	28	deg. 20 min. of Gemini. Mars being su-
23	6	18	perieur, which bodes no good to London.
24	7	6	Saturn south at 5 ho. 4 min in the morn.
25	7	50	
26	8	32	
27	9	15	
28	9		☿ shelters himself under the Sun-beams.
29	10		Day 16 hours & an half long. The 29 day His
30	11		Royal Maj. K. Charles 2. most happily return'd
31	12	11	to Lond. 1660. to the great joy of the Nation.

# June hath XXX. days.

- Full moon the 4. day, 6 min. past 3 in the morning.
- ☾ Last quarter the 10 day, 22 min. past 6 in the aftern.
- New Moon the 17 day, 21 min. past 6 afternoon.
- ☾ First quarter the 26 day, 37 min. past 10 before noon.

☾ Holy daies, with  
Days R. & Ser.      Moons  
Sign.      The Planets Aspects,  
and change of air.      Moons R. and Ser.

1	g	Sun set 8. 17.	Scor. 16	Unconstant.	M 51	Moons R.
2	f	Marcelline	Scor. 29	Δ h 2 2. Wind	2 6	Moons R.
3	g	Erasmus	Sagi. 14	δ δ 9 p. and	2 31	Moons R.
4	a	Petrocius	Sagi. 28	δ ⊙ 5 a. thun-	Ful	Moons R.
5	b	Sun rise 3. 42.	Capr. 13	der. 4 Orient.	10 433	Moons R.
6	●	Trinity Sund.	Capr. 28	Δ ⊙ h 5 a.	11 10	Moons R.
7	d	William.	Aqu. 13	☾ in Perigee.	11 36	Moons R.
8	e	Medard	Aqu. 27	Δ 4 ☾ 6 a. very	11 56	Moons R.
9	f	Sun set 8 19.	Pisc. 12	δ 4 9 5 p. pa-	12 10	Moons R.
10	g	Edward Mar.	Pisc. 26	sonable.	0 M 10	Moons R.
11	a	Term begins.	Aries 9	S. Barnabas.	0 21	Moons R.
12	b	Basil Conf.	Aries 23	Δ h 4 unconstant	0 34	Moons R.
13	●	1 Sund. aft. Tri.	Taur. 6	warm * δ	0 47	Moons R.
14	d	Sun rise 3. 41.	Tau. 19	☐ h 11 p. A	1 3	Moons R.
15	e	Virus	Gem. 1	grateful confiru-	1 22	Moons R.
16	f	Botolph.	Gem. 14	V c h 2 tion	1 45	Moons R.
17	g	Richard.	Gem. 27	of air. Δ h	New	Moons R.
18	a	Marcus	Canc. 9	Terra in Aphel.	9 A 19	Moons R.
19	b	Sun set 8. 17.	Canc. 21	Not amiss.	9 56	Moons R.
20	●	2 Sun. aft. Tri.	Leo 3	δ 2 ☾ 5 a. un-	10 20	Moons R.
21	d	Walburg.	Leo 15	constant. ☾ Apog.	10 46	Moons R.
22	e	X M. Mart	Leo 27	δ ⊙ 2 1 p. Rain	10 54	Moons R.
23	f	Juno. Fast.	Virg. 9	δ δ 7 p. and	11 8	Moons R.
24	g	S. John Bapt.	Virg. 21	δ ⊙ 8 11 p. thun-	11 19	Moons R.
25	a	Sun rise 3. 45.	Libr. 3	der. ☐ 4 ☾ 2 a.	11 28	Moons R.
26	b	John & Paul.	Libr. 15	☐ δ 10 a. warm	11 38	Moons R.
27	●	3 Sun. aft. Tri.	Libr. 27	ndifferent	11 49	Moons R.
28	d	Leo Bish. Fast.	Scor. 10	Δ δ 9 p. Bq h 2	12 3	Moons R.
29	e	S. Peter Apost	Scor. 24	Cloudy cool.	0 M 3	Moons R.
30	f	Term ends.	Sagit. 8	Bq. ☐ h Fair.	0 23	Moons R.

# JUNE. 1669.

The { 8 day at 8 morn. Saturn  
 17 day at 10 morn. Jupiter  
 18 day at 4 morn. Venus } is with the Moon.  
 18 day at 11 morn. Mars  
 20 day at 5 morn. Mercury }

D.	ho. mi.	Full Sea at London-Bridge.
1	0 M 5	
2	1 1	
3	1 56	Jupiter is now with the Sun, and cannot be
4	2 55	seen this month.
5	3 58	
6	5 0	Procyon occidit vesperi.
7	6 0	Saturn south at 4 ho. 5 min: in the morn.
8	6 58	
9	7 51	Jupiter and Venus are together, but being so
10	8 41	near the Sun, they cannot be seen.
11	9 30	The longest day 16 ho. 38 min.
12	10 18	
13	11 6	
14	11 55	
15	0 A 45	Saturn riseth at 10 ho. 47 min. at night.
16	1 35	Saturn south at 3 ho. 27 min. in the morn.
17	2 27	About the year 1692. or a little before 1700. ma-
18	3 18	ny expect great Alterations and Changes in the
19	4 7	World, if not the dissolution of this earthly Fa-
20	4 54	brick; The Lord fit us to embrace his mercy, and
21	5 39	(Mars and Venus attend upon the Sun, and
22	6 22	do not appear to us) patiently to wait for his
23	7 5	second coming. Amen.
24	7 47	Day 16 hours and a half long.
25	8 28	Saturn south at 2 ho: 49 min. in the morn.
26	9 11	Saturn riseth at 10 ho. 5 min. at night.
27	9 55	
28	10 43	Humerus dexter Orionis cum Sole manū attollitur,
29	11 34	pluviasque minatur.
30	12 30	



# July bath XXXI. days.

- Full Moon the 3 day, 38 min. past 10 in the morning.
- Last quarter the 10 day, 40 min. past 1 in the morning.
- New Moon the 17 day, 27 min. past 9 at night.
- First quarter the 25 day, 19 min. past 11 at night.

M.	W.	Holy dales, with Suns Ris. & Set.	Moons Sign.	The Planets Aspects and change of air.	Moons Ri. and Set.
1	g	Sun set 8.9.	Sagi. 23	♂ ♀ 12 p. Fair	0 M 54
2	a	Visit. B. Mary.	Capr. 7	v c. h ♀ Cloudy	1 43
3	o	Cornelius	Capr. 22	Very good Hay	Full
4	o	Sun. afr. Tri.	Aqu. 7	weather.	9 A 29
5	l	Sun rise 3.55.	Aqu. 22	♀ in Perihelio.	9 54
6	c	Oct. S. Pet.	Pisc. 7	v c. ☉ h Cool.	10 10
7	f	Martialis	Pisc. 21	Seasonable.	10 23
8	g	Chilian.	Aries 6	☐ ♀ 4 a. Fair.	10 36
9	a	Cyril.	Aries 20	☐ ♂ Wind	10 50
10	o	Sun set 7.58.	Taur. 3	♂ ♀ 8 a. and	11 5
11	o	Sun. afr. Tri.	Taur. 16	thunder. ♀ A.	11 21
12	u	Nabor.	Taur. 29	phelion.	11 43
13	e	Margar.	Gem. 11	* ♀ 1 a.	12 13
14	e	Sun rise 4. 7.	Gem. 24	SS ☉ ♀ Clear.	0 M 13
15	g	S. Swithia	Canc. 6	Very fair and good	0 53
16	a	Kenelm. K.	Canc. 18	weather.	1 41
17	b	Alexius	Leo 0	SS ♂ ♀ warm.	New
18	o	Sun. afr. Tri.	Leo 12	Luna in Apog.	8 A 45
19	d	Dog days beg.	Leo 24	♂ ♀ 8. p. un	8 59
20	c	Sun set 7.43.	Virg. 6	constant. * ♀	9 13
21	f	Praxed virg.	Virg. 18	☉ 8. 30. SS	9 20
22	g	Mary Magd.	Libra 0	Very hot.	9 30
23	a	Apolin.	Libra 12	Not much alter-	9 44
24	b	Sun rise 4.24.	Libra 24	virg. * ♀ 3 a.	9 56
25	o	S. James Apo.	Scorp. 6	☐ ♂ Drifling.	10 1
26	d	Anne	Scorp. 18	♂ h ♀ 1 p. Rain	10 26
27	e	Martha	Sagit. 2	Little alter at on	10 48
28	f	Sampson	Sagit. 16	♂ ♀ ☉ Windy.	11 24
29	g	Sun set 7.29.	Capr. 0	Fair and sea-	12 21
30	a	Abdon	Capr. 15	sonable.	0 M 1
31	b	erman	Aqu. 0	♂ ♀ 11 a. warm	22

Moons rising.

Moons setting.

# JULY. 1669.

The { 5 day at 3 aftern, Saturn  
 15 day at 5 morning, Jupiter  
 17 day at 7 morning, Mars  
 18 day at 1 aftern Venus  
 19 day, at 8 night, Mercury } is with the Moon

D.	ho.	mi.	Full Sea at London-bridge.
1	0	30	The 3 superior Planets, $\bar{h}$ , $\bar{v}$ , $\bar{s}$ . are morn-
2	1	31	ning Stars, and the 2 inferiours, $\bar{q}$ & $\bar{p}$ ,
3	2	35	are Evening Stars.
4	3	40	Superlative Actions.
5	4	38	
6	5	36	
7	6	29	Mercury is in his greatest Vespertine elonga-
8	7	19	tion from the Sun.
9	8	9	Day 16 hours long.
10	8	58	Jupiter riseth after light day.
11	9	47	Saturn south at 1 ho. 39 min. in the morn.
12	10	36	
13	11	27	
14	0	18	
15	1	9	Saturn riseth at 8 ho. 47 min. at night.
16	1	59	
17	2	48	
18	3	34	Day 15 hours and an half long.
19	4	17	
20	5	1	Saturn south at 1 ho. 2 min. in the morn.
21	5	42	The great Conjunctions of the superior Planets
22	6	28	portend much Action, and great activity amongst
23	7	5	the Grandees of the World.
24	7	50	
25	8	39	Saturn shines all night.
26	9	23	
27	10	16	Venus and Mercury are together in the West.
28	11	12	Day 15 hours long.
29	12	16	Saturn riseth at 7 ho. 50 min. at night.
30	0	13	
31	1	15	

# August hath XXXI. days.

- Full Moon the 1 day, 42 min. past 5 in the afternoon.
- ☾ Last quarter the 8 day, 24 min. before 12 at noon.
- New Moon the 16 day, 35 min. past 1 in the afternoon.
- ☾ First quarter the 24 day, 56 min. past 9 before noon.
- Full Moon the 31 day, 13 min. past 2 in the morning.

☾ Holy daies, with ☾ Sun Rise & Set.	☾ Moons Sign.	☾ The Planets, Elements and change of Air.	☾ Moons Rn. and Set.
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☾ Holy daies, with ☾ Sun Rise & Set.	☾ Moons Sign.	☾ The Planets, Elements and change of Air.	☾ Moons Rn. and Set.
1 <b>Lammas-day.</b>	Aqu. 15	☾ Perig. Cool.	Full
2 <b>d Sun rise 6 39</b>	Pisc. 0	☾ Wind, rain,	8 A 15
3 <b>e Dominicus</b>	Pisc. 15	☾ ☉ ☿ 5 a. and	3 30
4 <b>f Aristarchus</b>	Aries 0	☾ ☉ ☿ 4 p. than-	8 44
5 <b>g Oswald</b>	Aries 15	☾ der. Cold for the	3 59
6 <b>a Sun set 7.14.</b>	Aries 29	☾ time.	9 12
7 <b>b Donatus</b>	Taur. 15	☾ * ☿ ☿ 6 a. Tem	9 31
8 <b>☾ Sun. asc. Tri</b>	Taur. 26	☾ perate ☐ h ☾	9 51
9 <b>d Roman</b>	Gem. 8	☾ ☐ ☿ ☿ 3 p.	10 19
10 <b>e Laurence</b>	Gem. 21	☾ Variab * ☿ ☿ 2 s.	10 52
11 <b>f Sun rise 6.56</b>	Canc. 3	☾ ☐ ☿ ☿ 9 p. fair	11 39
12 <b>g Clare virg.</b>	Canc. 15	☾ * ☿ ☿ 8 s.	12 41
13 <b>a Sun 0 35 112.</b>	Canc. 27	☾ ☉ 0. 35 112. win	0 M 41
14 <b>b Eusebius</b>	Leo 9	☾ ☐ ☿ ☿ 10 a. and	3 47
15 <b>☾ Assump. B. Mary</b>	Leo 21	☾ Apog. clouds	3 58
16 <b>d Sun set 6.55.</b>	Virg. 2	☾ ☐ in 8. 55. 69.	New
17 <b>e O.B. Laurence</b>	Virg. 14	☾ Cold. Ve ☐ ☿	7 A 33
18 <b>f Sun rise 5. 9.</b>	Virg. 26	☾ ☐ ☿ ☿ variable	7 45
19 <b>g Sebaldus</b>	Libra 8	☾ and unconstant.	7 58
20 <b>a Bernard</b>	Libra 21	☾ ☐ ☿ ☿ 10 p. wind	8 10
21 <b>b Sun set 6.45.</b>	Scorp. 3	☾ rain, and thun	8 21
22 <b>☾ 11 Sun. asc. Tri</b>	Scor. 16	☾ ☐ ☿ ☿ 10 a. de	8 38
23 <b>d Zachari Fast</b>	Scor. 29	☾ * ☉ ☿ 6 a. Clea	8 57
24 <b>e S. Barthol. Ap.</b>	Sagitt. 12	☾ ☐ ☿ ☿ Perihel.	9 27
25 <b>f Lewis King</b>	Sagitt. 25	☾ ☐ ☿ ☿ 7 p. mist.	10 9
26 <b>g Sun rise 5. 25.</b>	Capr. 9	☾ ☐ ☿ ☿ 1 p. Fair	11 15
27 <b>a Dog days end.</b>	Capr. 24	☾ ☉ in 14. 9. 112.	12 36
28 <b>b August. Bish.</b>	Aqu. 9	☾ Perig.	0 M 36
29 <b>☾ 12 Sun. asc. Tri.</b>	Aqu. 24	☾ Thunder. ☐ ☿ ☿	2 9
30 <b>d Sun set 6.27.</b>	Pisc. 9	☾ ☐ ☿ ☿ 3 p. Fair	3 48
31 <b>e Paulinus.</b>	Pisc. 24	☾ not amiss.	Full

Moons rising

Moons setting

# AUGUST: 1669.

The {  
 1 day at 10 night Saturn.  
 11 day at 9 night, Jupiter  
 15 day at 1 morn. Mercury.  
 15 day at 2 morn. Mars  
 17 day at 11 night, Venus  
 29 day at 6 morn. Saturn. } is with the Moon.

D.	ho. mi.	Full Sea at London-Bridge.
1	2 M 19	Mercury walketh in tenebris.
2	3 21	
3	4 15	
4	5 10	Saturn riseth at Sun-set, and sets at Sun-rise.
5	6 2	Day 14 hours and a half long.
6	6 54	
7	7 44	Saturn south at 11 ho. 42 min at night.
8	8 36	Some men we now find, { The Commonalty is
9	9 27	To war much inclin'd ; { grown poor and want
10	10 19	But let us war shun, { money.
11	11 8	Else England's undone. } Pax dulcissima rerum.
12	11 58	
13	0 A 49	Day 14 hours long.
14	1 36	Saturn south at 11 ho. 21 min. at night.
15	2 20	Saturn sets at 3 ho. 53. min. in the morning.
16	3 5	
17	3 45	<i>Melle sub Hyblao saepe venena latent.</i>
18	4 27	
19	5 11	
20	5 54	♂ in his greatest elongation from the Sun.
21	6 38	Day 13 hours and a half long.
22	7 26	Mars opposeth Saturn, shewing men are apt
23	8 16	to fight and quarrel.
24	9 10	Saturn south at 10 ho. 42 min. at night.
25	10 5	Evening Star sets at 7 ho 10 min. at night.
26	11 9	
27	12 9	
28	0 M 5	Day 13 hours long.
29	1 5	
30	2 4	
31	3 1	

# September hath XXX. days.

- ☾ Last quarter the 7 day, 19 min. past 1 in the morn.  
 ☾ New Moon the 15 day, 29 min. past 5. morn.  
 ☾ First quarter the 22 day, 50 min. past 6 at night.  
 ● Full Moon the 29 day, 39 min. past 10 in the foren.

M.D.	Holy dales, with Suns Rise & Set.	Moons Sign.	The Planets Aspects, and change of air.	Moons Ri and Set.
1 f	Sun rise 5.37.	Aries 9	☐ ♀ ☾ 2 p. Fair	7 A 10
2 g	Veronica.	Aries 23	Some hail.	7 26
3 a	Theodore	Taur. 7	* ♀ ☽ 6 p. Windy	7 43
4 b	Theodosius	Taur. 21	☐ ♀ ☽ 7 a. Sea	8 2
5 c	13 Sun. afr. Tr.	Gem. 4	sonable.	8 26
6 d	Sun set 6. 13.	Gem. 17	△ ♀ ☾ 6 a. Moist.	9 0
7 e	Regina.	Canc. 0	Cold and Bq ☉ ☽	9 43
8 f	Nat. B. Mary	Canc. 12	☐ ♀ ☽ 11 p. cloudy	10 40
9 g	Gorgon.	Canc. 24	☉ 26. 50. ☿	11 39
10 a	Sun rise 5.56.	Leo 6	The air not	12 49
11 b	Maurice.	Leo 18	♂ ☽ 4 p. much	0 M 49
12 c	14 Sun. afr. Tri.	Virg. 0	altering.	2 9
13 d	Sun set. 5.58.	Virg. 11	Turbulent and	3 23
14 e	Holy-Cross.	Virg 23	♂ ☉ ☽ 3 p. windy	4 37
15 f	Nicodemus	Libra 5	☽ in Apogæo.	New ☾
16 g	Sun rise 6.8.	Libr. 18	Bq ☽ ♀	6 A 25
17 a	Lambert	Scorp. c	Cloudy. ♂ ♀ ☽ 7 a.	6 39
18 b	Ferneolus	Scor. 13	☐ ☽ 11 p. Cool	6 55
19 c	15 Sun. afr. Tr.	Scor. 26	Cloudy. Td ☽ ♀	7 11
20 d	Sun set 5.44.	Sagi. 9	☐ ♂ ☽ 0. Warm.	7 39
21 e	S. Matth. Ap	Sagi. 21	☐ ♀ ☽ 2 p. Very	8 17
22 f	Maurice.	Capr. 5	windy. ♂ ♀ ☽	9 14
23 g	Eldras	Capr. 19	☐ ♀ ☽ Wind	10 24
24 a	Sun rise 6.25.	Aqua. 3	△ ☽ ☽ 5 p. and	11 52
25 b	Cleophas	Aqu. 18	clouds. ☽ Perig.	13 24
26 c	16 Sun. afr. Tr.	Pisc. 2	△ ♀ ☽ 11 p. Fair	1 M 24
27 d	Col. & Dam	Pisc. 17	☐ ☉ ♀ 7 a. and	3 0
28 e	Sun set 5. 27.	Aries 2	windy * ♀ ☽ 13	4 33
29 f	S. Mich. Arch	Aries 17	* ☽ 2 p.	Full ☾
30 g	Hieronim.	Taur. 1	△ ♀ ☽ 10 p. Fair.	5 A 56

Moons rising

Moons setting



# SEPTEMBER. 1669.

The	{	8 day at noon, Jupiter	}	is with the Moon.
		12 day at 9 night, Mars		
		15 day at 7 morn. Mercury		
		17 day at 7 morn. Venus		
		25 day at 1 afternoon, Saturn		

D. ho. mi.			Full Sea at London-bridge.
1	3	M 56	Seven stars rise at 7 ho. 52 min. at night.
2	4	48	
3	5	42	
4	6	35	Day 12 hours and an half long.
5	7	27	Saturn south at 9 ho. 56 min. at night.
6	8	20	Saturn sets at 2 ho. 25 min. morn.
7	9	12	<i>Fœlix qui potuit rerum cognoscere causas.</i>
8	10	4	<i>Happy his state above the fate of Kings,</i>
9	10	55	<i>That truly could but know the cause of things.</i>
10	11	41	
11	0	A 27	Seven stars south at 3 ho. 37 min. in the morn.
12	1	10	Equal day and night 12 hours.
13	1	53	
14	2	35	
15	3	A 17	Seven stars rise at 7 ho. 2 min. at night.
16	4	0	Saturn south at 9 ho. 13 min. at night.
17	4	45	
18	5	33	<i>Hirundines catervatim recedunt.</i>
19	6	22	Day 11 hours and an half.
20	7	15	
21	8	11	Seven stars south at 3 in the morning.
22	9	9	Evening star sets at 6 ho. 24 min. at night.
23	10	6	<i>Amongst the manifold judgments that have befallen this Nation, the Lord hath hitherto given us</i>
24	11	4	<i>plenty of bread in all our habitations; but I fear</i>
25	12	0	<i>a time of dearth and scarcity is approaching, which</i>
26	0	M 0	<i>Day 11 hours. God in his infinite mercy avert</i>
27	0	55	<i>from us, and grant us peace and plenty.</i>
28	0	48	
29	2	4	Saturn south at 8 ho. 29 min. at night.
30	3	35	Seven stars rise at 6 ho. 11 min. at night.

# October hath XXXI. days.

- Last quarter the 8 day, 30 min. past 6 in the evening.  
 New Moon the 14: day, 22 min. past 9 at night.  
 First quarter the 22 day, 48 min. after 2 in the morn.  
 Full Moon the 28 day, 5 min. past 10 at night.

Holy dates, with Suns & High Sets	Moons Sign.	The Planets, Aspects, and changes of day.	Moons ris. and set.
--------------------------------------	----------------	----------------------------------------------	------------------------

1 a	Remigius	Tau. 16	Δ ⊙ ♄ 8 p. Hail.	6 A 19
2 b	Sun set 5. 19.	Taur. 29	Δ ♂ ♀ 3 p. Rain	6 38
3 c	17 Sun. afr. Tri.	Gem. 13	Δ ♄ □ ♂ Cold	7 6
4 d	Francis Virg.	Gem. 25	□ ♄ ♀ 7 a. rain	7 44
5 e	Sun rise 6. 47.	Canc. 8	and hail	8 36
6 f	Faith Virg.	Canc. 20	Fair. Δ ♀ ♄ 2 p	9 39
7 g	Dionysus	Leo 2	♀ in Aphelio.	10 45
8 a	Pelagic	Leo 14	♂ in Aphelio.	11 59
9 b	Sun set. 5. 5.	Leo 26	□ ♀ ♄ 10 a. cloudy	13 13
10 c	18 Sun. afr. Tri.	Virg. 7	Fitting the season.	1 M 13
11 d	Bunchade	Virg. 19	Δ ♄ ♀ 2 p. windy	2 27
12 e	Wilfr.	Libra 1	Overcast.	3 42
13 f	Sun rise 7. 3.	Libr. 14	□ ♄ ♄ 2 p. wind	5 0
14 g	Calixtus	Libr. 26	♄ Rat. in □ ♄ 12.	New ♄
15 a	Hedwig.	Scor. 9	and clouds.	5 A 5
16 b	Gallus	Scor. 22	♄ ♀ ♄ 11 a cool.	5 22
17 c	19 Sun. afr. Tri.	Sagit. 5	♄ ♀ ♄ 10 a. cloudy	5 48
18 d	S. Luke Evan.	Sagit. 19	♄ ♄ ♄ Moist.	6 23
19 e	un set 4. 46.	Capr. 2	Frost-like.	7 14
20 f	Siandulph	Capr. 16	* ♂ ♄ 5 p. windy	8 20
21 g	Ursula	Aqua. 0	Some fleet	9 39
22 a	Cordula	Aqu. 14	♄ ♂ ♄ scarce fair.	11 9
23 b	Term begin.	Aqu. 28	♄ in Perigee.	12 41
24 c	20 Sun. afr. Tri.	Pisc. 12	□ ♄ ♄ 1 p. fair	0 M 41
25 d	Sun rise 7. 26.	Pisc. 27	♀ in Aphelio.	2 13
26 e	Amandus	Aries 11	Temperate.	3 43
27 f	Florence Fast	Aries 25	♄ ♄ ♄ indifferent.	5 12
28 g	S. Sim. & Jude	Taur. 10	* ♄ ♄ 9 p. Δ ♄ ♄	Full ♄
29 a	Sun set 4. 27.	Tau. 24	Cold & cloudy (7. a.)	4 A 38
30 b	Theonetus	Gem. 7	♄ ♄ ♄ 5 p. wind	5 4
31 c	21 Sun. afr. Tri.	Gem. 21	Δ ⊙ ♄ 12 p. snow	5 39

Moons Rising.

Moons setting.

Misc.

# OCTOBER: 1669.

The { 6 day at 1 morn. Jupiter.  
 11 day at 5 night, Mars.  
 16 day at 11 morn. Mercury.  
 17 day at 10 morn. Venus  
 22 day at 7 night, Saturn  
 29 day at 2 after noon, 7 \* } is with the Moon.

D. ho. mi.			Full Sea at London-Bridge.
1	4 M	31	Seven Stars rise at 6 ho. 8 min. at night. N. E.
2	5	24	
3	6	19	
4	7	13	Day 10 hours and a half long.
5	8	4	Saturn south at 8 ho. 2 min. at night.
6	8	56	Jupiter south at 5 ho. 38 min. morn.
7	9	44	Evening Star sets at 6 ho. 2 min. at night.
8	10	29	Mars riseth at 3 ho. 25 min. in the morn.
9	11	13	
10	11	57	
11	0 A	38	Day 10 hours long.
12	1	19	
13	2	3	
14	2	49	Seven Stars rise at 5 ho. 15 min. at night. N.E.
15	3	35	Jupiter south at 5 ho. 5 min. in the morn.
16	4	24	Saturn south at 7 ho. 20 min at night.
17	5	17	Evening star sets at 5 ho. 54 min. at night.
18	6	13	
19	7	10	Day nine hours and a half long.
20	8	7	
21	9	2	Mars riseth at 3 ho. 21 min. in the morn.
22	9	58	
23	10	52	
24	11	44	Seven Stars rise at 4 ho. 40 min. at night. N.E.
25	12	34	Jupiter south at 4 ho. 27 min. in the morn.
26	0 M	34	Evening star sets at 5. ho. 46. min. at night.
27	1	25	Day 9 hours long.
28	2	16	Saturn south at 6 ho. 34 min. at night.
29	3	10	
30	4	6	
31	5	1	

# November hath XXX. days.

- ☾ Last quarter the 5 day, 53 min. past 2 in the afternoon.
- New Moon the 13 day 16 min. past 12 noon.
- ☽ First quarter the 20 day, 8 min. past 10 in the morn.
- Full Moon the 27 day, 7 min past 12 at noon.

M.D. Holy dates, with Moons The Planets, Aspects, Moons R. and Set.  
Suns R. & Set. Sign. and change of air. and Set.

d	All Saints.	Canc. 3	☐ ♂ ) 3 p. Fair & A.	
e	All Souls	Can. 16	and ♂ ♀ ) 10 a. 7	28
f	Sun rise 7. 42.	Can. 28	Seasonable.	8 32
g	Amantius.	Leo 10	* ♂ & △ ♀ )	9 40
a	Pouder Plot.	Leo 22	) in Apogeo.	10 55
b	Leonard	Virg. 4	△ ♀ ) 1 a. Dark.	12 9
22	Sun aft. Tr.	Virg. 15	☐ ♀ ) 1 p. wind & M	9
d	Sun set 4. 9.	Virg. 27	clouds. ☐ ♀ ) 3 p.	1 21
e	Theodote	Libr. 10	Warm.	2 36
f	Erastus	Libr. 22	△ h ) 6 a. Cloudy	3 54
g	MARTIN B	Scor. 5	* ♀ ) 1 p. Moist.	5 15
a	Sun rise 7. 58.	Scor. 18	☐ h ) 3 p. The	6 38
b	Brice	Sagit. 1	air prety sea-	New
23	Sun. aft. Tr.	Sagi. 15	sonable.	4 A 16
d	Macare Bish.	Sagi. 29	* ♀ ♂ Frost and	5 2
e	Sun set 3. 57.	Capr. 13	☐ ♀ ♂ 4 a. frost.	6 5
f	Anianus	Capr. 27	Mixt weather.	7 24
g	Gelasius	Aqu. 11	♂ ♀ 2 1 p. Fair.	8 53
a	Elizabeth	Aqu. 25	Cool. ☐ h	10 21
b	Sun rise 8. 7.	Pisc. 5	♂ ☐ ♀ 6 a. wind	11 53
24	Sun. aft. Tr.	Pisc. 23	☐ ♂ ♀ 6 a. rain	13 20
d	Cicillie Virg.	Aries 7	or snow.	1 M 20
e	Clement	Aries 21	♂ ♂ ) 7 a. Free-	2 46
f	Sun set 3. 49	Taur. 5	Vc ☐ ♀ zing.	4 14
g	Catherine	Taur. 19	△ h ♂ 11 p. snow	5 41
a	Conradus	Gem. 2	Wind. ♂ ♀ )	7 7
b	Sun rise 8. 14	Gem. 16	△ h ) 8 p. Cool	Full
25	Avent Sund.	Gem. 29	be weather good	1 A 6
d	Terrence	Can. 11	to the more br	2 9
e	S. Andrew A.	Can. 24	and. ♂ ♀ ) 9 p.	3 7

Moons Rising.

Moons setting.

Rising.

# NOVEMBER. 1669.

	2 day at 10 morn.	Jupiter	}	
	9 day at noon,	Mars	}	
The	{	14 day at noon,	Mercury	}
		16 day at 9 morn.	Venus	}
		19 day at 2 morn.	Saturn	}
		29 day at 3 aftern.	Jupiter.	}
				is with the Moon

D. ho. min. Full Sea at *London-Bridge.*

1	5	M	55	Saturn sets at 10. ho. 46. min. at night.
2	6		48	
3	7		39	
4	8		25	Day 8 hours and an half long.
5	9		7	Seven stars south at 12 ho. 3. min. at night.
6	9		51	Saturn south at 5 ho. 57 min. at night.
7	10		33	Saturn sets at 10 ho. 26 min. at night.
8	11		13	Evening star sets at 5 ho. 58 min. at night.
9	11		55	
10	0	A	38	Jupiter south at 3 ho. 18. min. morn.
11	1		25	
12	2		13	
13	3		6	Day 8 hours long.
14	4		1	Seven stars south at 11 ho. 25 min. at night.
15	4		59	Saturn south at 5 ho. 22 min. at night.
16	5		57	Evening star sets at 6 ho. 8 min. at night.
17	6		55	
18	7		52	
19	8		41	Mercury lieth hid under the wings of his
20	9		36	Royal Master, the Sun.
21	10		24	Jupiter south at 2 ho 28 min. in the morn.
22	11		12	Seven stars south at 10 ho 50 min. at night.
23	12		1	Great Dog south at 1 ho. 53 min. morn.
24	0	M	1	Saturn sets at 9 ho. 16 min. at night.
25	0		57	
26	1		44	
27	2		30	
28	3		3	Day seven hours and an half long.
29	4		2	Evening star sets at 6 ho. 36 min. at night.
30	5		1	



December hath XXXI day.

- Last quarter the 4 day, at 1 a clock in the afternoon.
- New Moon the 13 day, 41 min. past 1 in the morn.
- First quarter the 19 day, 9 min. past 7 at night.
- Full Moon the 27 day, 43 min. past 4 in the morning

		Holy dales, with Sun. ris. & set.	Moon sign.	The Planets, Aspects and change of Ait.	Moon's and Set.
1	f	Sun set 3.43.	Leo 6	Wavering.	7 A 14
2	e	Candidus.	Leo 18	* ☉ ☿ a. Snow	8 24
3	a	Cassian	Virg. 0	Freezing. * ☿ )	9 39
4	b	Barbary	Virg. 12	* ♃ ) 1 p. Fair	10 52
5	c	Sun. in Adv.	Virg. 23	Very temperate	12 6
6	d	Sun rise 8.19.	Libra 5	Δ ☿ ) o. weather	0 M 6
7	e	Andrew B.	Libr. 17	for the Δ ☿ ) 7p.	1 17
8	f	Concep. B. Mar	Scorp. 0	☿ ☿ ) 8 a. melt	2 34
9	g	Joachim	Scor. 13	part. Perhaps	4 1
10	a	Miltiades	Scor. 26	* ☉ ☿ 1 p. some	5 26
11	b	Sun set 3.41.	Sagit. 9	frost and snow	6 49
12	c	Sund. in Adv.	Sag. 23	about these dayes.	8 11
13	d	Lucie.	Capr. 8	Vc. ♃ ☿ Fair & New	4 A 53
14	e	Nicasus	Capr. 22	windy. ☐ ☿ ( 16	4 A 53
15	f	Abraham	Aqu. 7	Temper. Bq. ♃ ☿	6 20
16	g	Sun rise 8.18.	Aqu. 21	☿ ☿ ) 1 p. Dark	7 52
17	a	Lazarus	Pisc. 6	Charing.	9 20
18	b	Christopher	Pisc. 20	Td. ☿ ☿ Remiss.	10 53
19	c	Sund. in Adv	Aries 4	☐ ♃ ). Wind	12 19
20	d	Julian Fast.	Aries 18	☿ ☿ ☿ a. snow	0 M 19
21	e	S. The: Apost.	Taur. 2	☿ ☿ ☿ 8 a. and	1 48
22	f	Sun set 3.44.	Taur. 15	* ☿ ☿ 10 a. win-	3 14
23	g	Victor Vir.	Taur. 28	ter-like weather.	4 39
24	a	Adam. Fast.	Gem. 11	Seasonable.	6 1
25	b	Christs Nat.	Gem. 24	Δ ☿ ) 7p ☿ ☿	7 13
26	c	Steph. Proto.	Canc. 7	Δ ☿ ) 2p. Warm.	8 12
27	d	S. John Evan.	Canc. 20	Δ ♃ ☿ 3 p snow	Ful )
28	e	H. Innocents	Leo 2	or fleet.	4 A 46
29	f	Sun rise 8. 10.	Leo 14	* ☿ ☿ 2p. win-	5 58
30	g	David.	Leo 26	cloudy. ☿ ☿ )	7 10
31	a	Silvester.	Virg. 8	) in * a ♃ ☿	8 23

Moons Rising.

Moons setting.

) Rise

# DECEMBER. 1669.

The { 8 day at 8 morn, Mars  
11 day at 10. morn. Mercury  
16 day at 5 morn. Venus  
16 day at 1 afternoon, Saturn  
23 day at 4 morn, Seven \*  
26 day at 4 night, Jupiter } is with the Moon.

D. ho. min. Full Sea at London-bridge.

16	M.	8	Seven Stars south at 10 ho. 12 min. at night
26		51	Jupiter south at 1 ho. 34 min. morning
37		33	Evening Star sets at 6. ho. 46 min. at night.
48		45	
58		56	
69		38	
710		19	
812		3	Mercury is in his greatest maritime digression
911		50	Jupiter south at 1. ho. 0. min. in the morn.
100	A	41	Shortest day 7. hours 22 min.
111		34	
122		33	Seven Stars south at 9 ho. 23 min. at night.
133		33	Mars south at 7 ho. 45 min. in the morning.
144		33	Evening Star sets at 7 ho. 16 min. at night.
155		30	
166		26	
177		17	Jupiter south at 12. ho. 20. min. night.
188		9	
198		57	
209		46	
2110		35	Seven Stars south at 8 ho. 42. min
2211		25	Jupiter riseth at Sun set, and shines all night.
2312		17	Mars south at 7 ho. 25 min. in the morn.
240	M.	17	Day 7 hours and a half.
251		10	Evening Star sets at 7 ho. 44. min. at night.
262		3	
272		56	
283		46	
294		33	Jupiter south at 11 ho. 19 min. at night.
305		16	Seven Stars south at 8 ho. 2 min. at night.
315		58	Finis anni Juliani, 1669.

# The Dominion of the Moon in mans Body, passing under the 12 Zodiacal Constellations.

V Aries; Head and Face.

♉ Taurus,  
Neck and  
Throat.

♋ Cancer,  
Breast, Sto-  
mach & Ribs

♍ Virgo,  
Bowels and  
Belly.

♏ Scorpio,  
Secret mem-  
bers.

♐ Capric.  
Knees.



♊ Gemini  
Arms and  
Shoulders.

♌ Leo,  
Heart and  
Back.

♎ Libra,  
Reyns and  
Loyns.

♐ Sagitari  
Thighs.

♑ Aquar.  
Legs.

♒ Pisces, the Feet.

## The Characters of the seven Planets, with the Dragons Head and Tayl.

♄ Saturn, ♃ Jupiter, ♁ Mars, ☉ Sol, ☿ Venus, ☿ Mercury,  
☾ Luna, ☊ Dragons-head, ☋ Dragons-tayl.

The Aspects both Old and New.

- ♄ Conjunction, when Planets are in one sign and degree.
- ♄ Semisextile, when they are asunder 1 sign.
- ♄ Sextile, when they are 2 signs distant.
- ♄ Quintile, when they are one from another 2 sig. 12 d.
- ♄ Quartile, when Planets are distant 3 signs.
- ♄ Tridecile, when they are 3 signs 18 degrees distant.
- ♄ Trine, when they are parted 4 signs.
- ♄ Biquintile, when they are removed 4 signs 24 degrees.
- ♄ Ve Quintunx, when they are 5 signs distant.
- ♄ Opposition, when they are 6 sig asunder, or a semicircle.

Keplers Definition of an Aspect, Epit. Astron. pag. 140.

Est aspectus formatus à radio lineævis binorum Planetarum, apud terram, officio ad similitudinem nostram sublongum.

To know when any of these Aspects happen and what they signifie, you may view my Ephemerides, where you may see all the Aspects described, as they will appear, and all the Planetary motions and Aspects, according to my Astronomy lately published in the English Tongue.

1669.

A Table shewing the true Hour of the day, by a plain Staff, divided into 10 equal parts.

Ho. before 12 Ho. afternohn		12	11 1	10 2	9 3	8 4	7 5	6 6	5 7
June	11 11	5 b 6	7 b 9	c 13	b 19	a 30	57 a		
	1 21	5 b 6	7 b 10	13 c 19	b 30	b 59			
May	21 2	5 c 6 b	7 c 10	a 14	20 a	32	65 a		
	11 13	6 a 6 c	8 a 10	c 14	c 21 b	35	78 b		
April	30 23	7 7	b 9	11 b 16	13	40	108		
	20 2	7 c 8 a	10 12	c 17 b 16	b	48	196		
March	9 13	8 c 9 a	11 14	19 b 10		62 a			
	30 23	10 10	b 12 a	15 c 22 a	36 b	92 a			
	20 2	11 a 12	14 18	26 46		182			
Feb.	10 13	13 13	c 16 21	31 a 62 c					
	28 22	15 16	18 c 24	e 39 97 a					
Jan.	18 3	17 b 18 b	22 29	c 51 110					
	8 13	20 b 21 c	26 36	70 c					
Decemb.	29 23	24 25	b 31 46	110					
	19 2	28 29	c 37 59	208					
	9 11	32 34	b 44 76	329					
	30 21	36 39	51 97						
	21 1	39 42	b 56 b 117						
	11 11	40 43	c 59 126						

Note that a *Hand* for quarter of a part, b for half a part, and c for three quarters.

To find the hour of the day by this Table.

Take a Staff of what length you please, and (with a Pair of Com<sup>2</sup> passes) divide it into 10 equal parts, marking them upon the Staff; then in some plain level place, where the Sun doth shine, set it upright, and mark where the end of the shadow thereof falls, which done, measure with your Staff, the length of the shadow, and note the parts it contains, which find out in this Table, against the day of the Month, and over head, you have the true hour of the day.

Suppose the 9 of April or 13 of August, I should find the shadow of the Staff to be 30 parts and a quarter (that is three Staff length and a quarter) therefore seeking in the Table against the said dayes, I see over-head, that it is then either 7 a clock in the morning, or 5 in the afternoon, so that if your observation was in the morning, it was 7, but if in the afternoon, 5 a clock.

By this Example, you may see the ease, and excellent use of the Table which is as ready as any moveable Sun-Dial; so that wheresoever you are, or travel, you may (having this Book about you) speedily know the true hour, &c.

C

A

*A Compendious Chronology of divers memorable things since the Creation, to this present Year, 1669.*

From the	Juxta Orientalis Ecclesia Græca traditæ.	years
Creation	Juxta Occidentales Ecclesias Romanas.	7168
of the	Juxta Hebræos & Indæos recentiores.	6867
World	Juxta Sacras Literas & Historicos fide digniores.	5429
		5618

Since	Noahs Flood	3962	Since	S. Pauls Steeple was fired	
	the destruction of Sodom and Gomorrah	3571		by Lightning	108
	the destruction of Troy	2871		the great Massacre in France	
	Brute entered this Island of Britain	2776			97
	the building of London	2776		the Kalender corrected	89
	the building of York	2658		the Camp at Tilbury in Essex	81
	the build. of Canterbury	2561		the Powder-treason	Neuerm. 64
	the build. of Stamford	2532		King Charles I. was born	69
	the building of Leicester	2513		A great Plague in London	66
	the building of Rome	2421		the great Frost	62
	Haman was hanged	2121		the Comet or Blazing-star	
	Alexander the great died	1989		Novemb. 18	51
	Julius Cæsar was slain	1712		our most Gracious King-Charles was born	May 29. 39
	S. Peter and S. Paul were put to death	1595		the great Fight at Lutzen in Germany, Sept. 6	37
	Hierusalem was taken by Titus	1596		S. Pauls Church began to be repaired	34
	England received the Christian Faith.	1479		the great Fight between the Spaniard and the Hollander	30
	S. Augustine died	1239		the Long Parliament began	Nov. 3 29
	S. Pauls Church burnt	582		the great rebellion in Ireland began	Octob. 23 28
	D. William conquered England	603		the Battel at Edge-Hill, Oct. 23	16.
	the first Mayor of London	480		the Covenant (that bond of Iniquity) taken by the Members of the House of Commons	26
	London bridge was built with Stone	460		the Fight at Bransford	27
	the Invention of Guns	291		the Scotch Army of 20000 Horse and Foot enter England, Jan. 16 for the Parlian ent	
	the rare Mystery and Art of Printing	229			
	the Swearing-sickness	118			
	the Register-Books began in every Parish	131			
	K. Henry 8 won Bulloign	126			
	the use of Coaches came into England	114			



	years
liament	25
Marston - Moor Fight July	25
2.	25
B. of Canterbury beheaded,	
Jan. 10	24
Newberry 2. Fight. Oct. 28.	25
Naseby Fight, Jun. 14	24
the Scots routed in Lancashire	
by Oliver Cromwell	21
the Murder of his late Ma-	
jesty King Charles	21
D. Hamilton, Lord Caple, and	
Earl of Holland beheaded	21
Colchester was taken	21
Worcester Fight, Sept. 3	18
the long - Parliament was	
pulled out by O. C.	16
A great Victory against the	
Hollanders, Jun. 23	16
Tyrant O. Cromwell began his	
government	15
Dunkirk delivered to us	11
Sir H. Slingsby and Dr. Hewer	
beheaded	11
Oliver the Tyrant died. Sept.	
3.	11
the Matchless March of the	
Lord General Monk from	
Scotland to London	10
the Lord Monk brought in	
the secluded Members Feb.	
21	9
the healing Parliament, Apr.	
25	9
Our Gracious King Charles	
happily arrived at London,	
May 29	9
the last Earthquake in En-	
gland, Jan. 24	11
Harrison and the rest of the	
Regicides were executed	
at Charing-cross, for mur.	

	years
dering their Sovereign, Oct.	9
Our Gracious King was	
Crowned at Westminster	
Apr. 23	8
3 Comets or Blazing Stars ap-	
peared in 4 Months time 4	
the first great fight between	
his Majesties Naval forces	
(under the conduct of his	
Royal Highness) and the	
Dutch, wherein the Dutch	
were beaten, and 12 of	
their best Ships taken and	
sunk, Jun. 2. 3.	4
the transcendent great Plague	
in London, whereof died a-	
bout 100000	4
the Second great Fight be-	
tween his Majesties Naval	
forces and the Dutch, Jun.	
1, 2, 3, 4.	3
the Third great Fight be-	
tween his Majesties Naval	
forces and the D. wherein	
the Dutch were beaten by	
his Excellencie Prince Ru-	
pert and the Lord General	
Monk	3
the sad and lamentable Fire	
in London, which burnt	
down to the ground 87	
Parishes within the Walls,	
and much building with-	
out, so that no age can pa-	
rallel the same, September,	
2, 3, 4, 5.	3
Peace with Spain, Denmark,	
&c.	2
Peace between Spain and	
France	1

*Of the Eclipses this Year,*

1669.

**T**Here will be no Eclipses visible in our *Horizon* within the compass of this present year, 1669. nevertheless the *Sun* will be twice centrally Eclipsed to some parts of the *Earth*.

The First whereof happens on *Tuesday* the 20 of *April*, about our 5 a clock in the morning, to be seen in the *South East* parts of the *Earth*.

The other Eclipse of the *Sun* is upon *Thursday* the 14 of *Octob.* at 9 a clock in the night, to be seen beyond the *Æquinoctial*. But because they concern us not, I forbear to give you any further account of them.

*Of the four Parts or Quarters of this Year,*

1669.

**T***Empus vernale*, the vernal or Spring-Quarter derives its name à *virendo*, quia tunc omnia virent & florere; because all things then wax green and flourish.

*Omnia cum vireant, tunc est nova temporis ætas;*

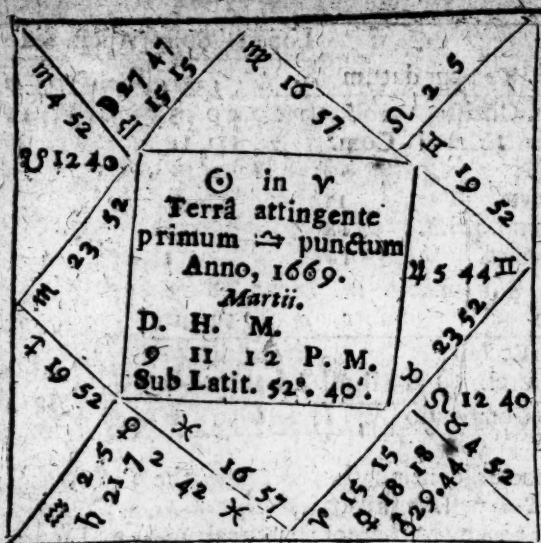
*Sic annus per Ver incipiendus erit.*

This Quarter properly commenceth in *February*, but according to our *Astronomical* account, initiates at the *Suns* ingress into the *Æquinoctial* Sign *Aries*, or more really at such time, as the *Earth* toucheth the first scruple of the opposite Sign *Libra*, which either way taken, hapneth this year (in the Meridian of *Stamford*) on *Tuesday* the 9 of *March*, at 12 min. past 11 a clock at night, or as we have it in our *Ephemerides* for the *Horizon* of *London*, at 11. ho. 14. min. 12. Set. P. M. as more fully appears by this Calculation, deduced from *Astronomia Instaurata*.

*Tempus*

Tempus datum		Longit. Solis				Apog. Solis			
		S. gr. 1 11		S. gr. 1 11		S. gr. 1 11		S. gr. 1 11	
An. Christi	1669	9	20	29	53	6	53	19	
Mens. Martii	Com.	1	28	9	11			10	
Dies	9		8	52	15			1	
Hora	11			27	6			0	
Scrup. prim.	14				34			6	
Second	12				1			0	
Longitudo Solis media		11	27	58	12	3	6	53	30
Apogæum		Subtr.		3	6	53	30		
Anomalia Eccentri		18	21	4	42				
Prosthaphæresis ☉ in Ellipsi		Ad, 2	1	48					
Vera Solis Longitudo		10	0	0	0	Id est	0	0	0

This Quarter continueth till Friday the 11 of June, whilst the Sun passeth through Aries, Taurus, and Gemini; and the temperament thereof is naturally hot and moist, resembling Youth and the Sanguine Complexion. Now doth the Sun begin to approach towards our Zenith, being elevated at noon above our Horizon 37 degr. 20 min. and so by his comfortable Raies doth much revive and exhilarate the spirits of men, and all other vegetative Creatures on the North side the Equinoctial line, as the Meadows and Hills with fresh, green grass, the Gardens with budding-Flowers, and the naked Trees with green leaves, which the extremity of the by-past Winter had much dulled and decayed. Now is the cold much abated, and the season begins to grow comfortable, and pleasant and is therefore held to be the best time in the year, to take Physick, and use Phlebotomy, to purge away noxious humours, which are the cause of most diseases incident to the Body of man. Ver est omnium temporum saluberrimum. The Spring is the most pleasant and wholesome of all the Seasons in the year; and therefore let them that now stand in need of their health, seek out for help to the Learned Physician for the prevention of further danger. But this by the way: I shall now come to speak something of this present Revolution, which (as is said above) commenceth the 9 of March, at 11 ho. 12 min. P.M. the Heavens then being thus disposed.



*Hermes* saith that the Planet that's angular, in the revolutionary Figure, shall be lord of the year, to whom assents *Albumasar*, in *initio Florum*: and here in that Planet

that is in the ascendent is to be prefer'd before him that is in the *Medium Caeli*, and he that is in the *Medium Caeli* before him in the 7 and 4 houses, &c. *Ptolomy* adviseth to erect Schemes of all the 4 Quarters of the year, and of the *Conjunction*, or *Opposition praeventional*. *Haly* considers only the Figure of the ingress it self. But the Learned and expert Mathematician, *Mr. David Origanus*, Part 3. *de Effectibus*, having found the doctrine of *Ptolomy* to be more substantial and agreeable to observation and experience, adviseth us to erect 3 Schemes for every Quarter of the year, namely one for the Ingress, one for the *Conjunction* or *opposition praeventional*, and the other for the *Conjunction* or *opposition postventional*, and therein from the *Ascendent*, *Medium Caeli*, and place of the *Luminaries*, to extract the *Essential Dignities* and *Debilities* of the Planets, as I have shewed at large in the second part of my *Ephemerides*. According to which *Doxime*, I find that in this Revolution, 1669. the Planet *Saturn* hath 2 *Essential dignities*, *Jupiter* 2, *Mars* 21, the *Sun* 12. *Venus* 3 *Debilities*, *Mercury* 30 dignities, and the *Moon* 4; so that from hence I adjudge *Mercury* and *Mars* chief Rulers of the Revolution.

sion. But before I come to speak of the accidents, and  
 particular Effects signified by this annual Revolution, let  
 us look back to the Eclipses of the last year, now opera-  
 ting in this, and more especially that of the Sun, Octob.  
 25, which hapned in the 10. house, termed *Domus Regum,*  
*Principum, Magnatum, Curio, Cor Cæli,* &c. in *Scorpio*, the  
 most viperous Sign in the *Zodiack*, as the learned observe,  
*Mars* claiming chief domination, and in the time of greatest  
 obscurity, is unhappily posited upon the very Cuspis of the  
*Horoscope*, which according to the observations, both of  
 the ancient and modern *Astrologians*, foretshews many con-  
 ventions, debates, quarrels, Duels, much underhand dealing,  
 cozenage, disorders; and many unruly actions will ensue, and  
 be manifested upon the Stage of the World, as may also be  
 observed from the figure of the Revolution, and the par-  
 ticular habitudes of the Planets therein, one to another.  
 But these things (according to our opinion) will be more  
 frequently practised beyond the Sea, where many war-  
 like actions, and unheard of Stratagems shall be acted, to  
 their exceeding terrour and amazement, *Morus bellici a-*  
*traces erunt, item conflagrationes & depopulationes Castellorum*  
*ac Villarum. Inter fratres, consanguineos, & affines charitas re-*  
*frigescet, nam alter alteri nihil fidet, Plurimi magnis exactio-*  
*nibus gravabuntur.* I, but what may we expect at home,  
 in the meantime, may some say? verily I think, if our  
 sins hinder not, we may enjoy much happiness and tranqui-  
 lity in all our affairs, but if oppression and wickedness still  
 superabound, and no amendment follows upon judgments  
 denounced, what can we then expect, but that the end  
 will be sad and miserable. We have had many judgments  
 amongst us of late years, as a long, unnatural, civil war,  
 from whence followed nothing but murders, blood shed,  
 great slaughters of men, plundering, spoiling, and sacking of  
 Towns and Cities, as is yet fresh in every mans memory,  
 the Father fighting against the Son, and the Son against the  
 Father, Brother against Brother, and one Neighbour against  
 another. And of later years, the Lord hath sent other judg-  
 ments, to warn and admonish us of his wrath and dis-  
 pleasure against sin, as the Plague and Pestilence, which  
 swept away many thousands of our Inhabitants, and that



not only in *London* (the *Metropolis* of the Nation) where in *one* years space were consumed thereby at least 100000 Men and Women, but in many other parts of the Nation, was not this sore evill felt in a most violent manner? And how suddenly followed that sad disaster upon the *City*, by a most *dreadfull* and *lamentable* fire, I need not here remember, for there is no man but hath either seen, or heard of that *sad spectacle*. The Lord grant that we may all of us, from the highest to the lowest, stand in fear of these late, and never to be forgotten judgments, under which this Nation hath laboured many years. *Quinam tandem post diuturnas disceptationes, ac longas perturbationes concordia in religione fiat.* And albeit we are now at peace, yet see what *vicious lives* many live, how they *drink, roar, swagger, domineer, revel*, and what not? But what then follows? Nothing but *quarrels, dissensions, fighting for Mistresses*, and then if they *dye* by these means, and upon this occasion, O! how *honourable* do they account it, though they go into the field, and fight for the *meanest trifles*. On the other hand, how many are there amongst us that spend all their time to make themselves *rich in the World*, by *pinning away* themselves, *feeding* upon the *poorest diet*, and scarce all their life time will spend a *penny*, and (as one well saith of them) they'll carry *Gold* like *Asses*, and yet eat nothing but *Hay*, and so while they live can afford themselves no *necessaries*. O wretched Man! how vain art thou, that thou knowest not thine own happiness.

*O curvos in terram homines; Cælestium inanes.*

Have we not also our share of *Pride* in the Nation? How many are there amongst us (God knows) that take pride in their own *shame*, attyring themselves more like *Fidlers* and *Players*, then good *Christians*, and *grave Common-wealths men*. We cloathed our selves at first for *shame*, to cover our nakedness, but now (as one saith well) we are so *void of shame*, that we take *pleasure* in it; nay, many I know, are so proud (especially of the *Female sex*) they scorn to look upon their *Equals*, and their aim and ambition is to flant it with them of *greater rank and dignity* then themselves, when

when alas (God knows) *humility* would much better become them, which is the only *Ornament* in a *Christian* *common-Wealth*.

In a word ; What *lying, colouing, and dissembling* is there in the *World* amongst men of all sorts and conditions ? How many *cheats* doth the *World* abound with ? Yea, for the most part, what *greater deceit and couesnage* is there then amongst them that speak you fair, for many times though they profess *friendship*, and give you *fine, flattering words*, expressing a great deal of *love and kindness*, yet no sooner are their backs turned, but give it out he is an *idle, sorry, and ill-deserving Fellow*. Again, amongst many of them that are the greatest *Professors of Religion* ; are not a great many, yea too too many of them *Hypocrites*, and meer *outsides*, having only a *form of Godliness* (as the *Ap. speaks*, 2 *Tim.* 3. 5.) but deny the power thereof. Alas, how many of them have turned from one thing to another, have left the *Church and Publique-Congregation*, to hear any *illiterate Asses* (that can scarce write, read, or speak sense) prate and teach others. How desirous are most of them of *Worldly applause* ? And indeed such are they for the most part, that they regard not how it goes with others, so it make but for their *own ends and interest*. They appear, in *vestimentis ovium*, in sheeps cloathing, but *intrinsecus Lupi rapaces*, inwardly they are ravenous Wolves. But our blessed *Saviour* teacheth us how to know them, *Mat.* 7. 16. *A fructibus eorum cognoscetis eos. Numquid de spinis uvas, aut de tribulis ficus.* Ye shall know them by their *fruits*, do men gather *Grapes of thorns*, or *Eggs of thistles*. Alas we abound too much with formalities, men are quick to hear but slow to practise ; they love not to give *Alms*, or part with the smallest matter out of their *Estates*, for the relief and support of their poor *distressed Brethren* ; they love much rather to grind the face of the poor, raise *Tenants Rents*, and lay such heavy burdens upon mens shoulders, which they are not able to bear. And is this according to their *Profession* ? No ! *Love and Charity* would much better become them, which is the only badge and token of a true *Christian*. *Sine Charitate nihil prodest.* But the *Apostle* tells us 2 *Tim.* 3. 1. *Quid in novissimis diebus, instabunt tempora*  
pe.

periculosa, &c. That in the last dayes perillous times shall come, for men shall be lovers of their own selves, covetous, and verse 3. *Sine affectione, sine pace, criminatores, incontinentes, immixti, sine benignitate.* Without natural affection, truce-breakers, false accusers, &c. Lastly if we look no further but into our common Markets, we may there see one *conzen*, defraud, and cheat another. *Est forum locus in quo alius alium circumvenit.* There if the Seller can circumvent and cheat the buyer in his Commodity, by selling it far beyond the worth and due prize thereof, O how then doth he brag, and rejoyce thereat. Thus casting our eye upon the World, what do we see therein, but *vice*, *willany*, and *profaneness*, there we see every man for himself, and prone upon all occasions to work his own *by-ends*, and *sinister designs*, though to the exceeding *prejudice* and *damage* of his Neighbour. Let us therefore if we intend to enjoy *Peace*, and the good things of this life, and that which is to come, shake of these *vipers* and enormous offences, that so much abound in all parts of the Nation, and cloath our selves with *vertue*, *humility*, and *godlinesse*, love our Neighbours as our selves, doing as we would be done to; Then will the Lord no more visit us with his heavy wrath and indignation, nor shall the Land any longer mourn under oppression. But I shall forbear to enlarge my self any further at this time, in matters of this nature, *humbly beseeching Almighty God, in his infinite mercy, to divert all further Judgments whatsoever, and grant us perfect peace and unity, Amen.*

The Weather this Quarter will be mild and temperate in the beginning, afterwards in April and May, very much Wind and Thunder, with Hailstones intermixt,

Summer.

Upon Friday the 11 of June, at 2 a clock in the morning, our Terrene Globe inclining Southward to the Sun, will volve and remove us, her Northern Inhabitants to the greatest portion of Day-arch, and least portion of Night-arch, making our longest day 16 ho. 40 min. and shortest night, 7 ho. 20 min.

This Quarter will be much inclined to *Wind*, *Rain*, and *Thunder*, yet some part of *July* may prove hot enough.

Autumne

*Autumn.*

**O**N Sunday the 12 of September, at 8 min. past 5 a clock at night, the Sun toucheth the first scruple of the *Equinoctial Sign Libra*, whereas the Earth at the same instant, really enters the opposite point *Aries*, having her *Axis* parallel to the *Suns*, and so objects it self to equal portions of light and darkness, making the daies and nights of *equal length* throughout the *World*.

The Weather for the most part is like to prove pretty fair and seasonable, yet we may expect some Wind in the begining thereof, and a little Snow afterwards.

*Winter.*

**O**N Saturday the 11 of December, at 55 min. past 4 a clock in the morning, doth the Plane of this opacous Globe of Mortality, make her greatest obliquity to that fountain of light, the *Sun*, thereby making our shortest day, 7 ho. 20. and the longest night, 16 h. 40. m.

The Weather this Quarter is like to be various and unconstant, sometimes we may expect Windy and cleer weather, presently after turning to cold and moisture, and at other times indifferent, store of Frost and Snow, as is more particularly described in the Almanack.

*Poma dat Autumnus ; formosa est messibus Aestas ;  
Ver prabet flores ; igne levatur Hyems.*

*The proportion and Quantity of the Planetary Orbs ; according to the latest and most approved Experiments of Learned Astronomers ; with some remarkable observations in their Motions this Year.*

**T**His Terrene Globe of Mortality whereon we live, hath (since I first appeared in a work of this nature) performed no less then 28 compleat *Revolutions* about the *Sun*, and being now again, entring upon her unwearied journey through the twelve *Zodiacal Dodecatemories*, I shall here renew my task, and not only give you a true and real *Description* of the *Planetary Orbs*, with their exact *Proportion* and *Quantity*, according to the genuine *Copernican-Systeme*, but also present you with some of the most eminent *Phænomena's* in the *Planetary-motions*, hapning therein.

First

First therefore I shall begin with the Sun, who is *font lucis, oculis & anima Mundi*. The fountain of pure light, and the Eye and soul of the World. He is placed in the middle, or center of the Planetary Systeme, and is far greater then all the Planets that move about him.

He performs a Revolution upon his proper Axis in 26 dayes, or thereabouts, as *Telescope-observations* testifie, by vertue whereof (saith the Learned *Kepler*) all the Planets are carried about the Sun in their several Orbs, as may appear by a *Vortex*, or Whirlpool in our common Rivers, wherein if any thing be cast, it will participate of the motion thereof, moving much swifter towards the Centre, and sooner accomplish a Revolution, then in the remoter parts. Hence that *Materia Caelestis* (that *Des Cartes* speaks of in his *Princip. Philosophia*) which carries and transfers the Planet, seems to be forced about by the Central-motion of that great body of the Sun in the middle of the *Vortex*, to which *Kepler* assents, *Epist. Astron. Lib. 4. p. 513.* where he learnedly treats, *De Revolutione corporis Solaris circa suum Axem, ejusque effectum in motu Planetarum*. But of this matter I may speak hereafter (if God spare life) my intention being now to deliver such things as may be more plain and usefull for the information of the vulgar, who ignorant of the Earths diurnal motion, attribute the same to the Sun; and hence it is, that according to the diversity and appearance of his Rising, Setting, and Oblivation, he divideth the Seasons of the year, and causeth an interchangeable course and vicissitude of day and night.

————— *Sol tempora dividit. Anni  
Mens Noctem Diem, radiisque potentibus Astra  
Ire vetat; cursusque vagos statione moratur.*

*Lucretius*, Lib. 5. de verum natura, calls him, *Insigne radiatum Diei*.  
*Propterea noctes hierno tempore longa  
Cessant, dum veniat radiatum insigne diei.*

#### Of Mercury.

THE first primary Planet above the Sun is *Mercury*, who performs his course through his Eclipses in 88 dayes.

His proper diurnal motion is 4 deg. 5 min. 32 Sec. and the circuit of his Sphere 12055773 miles. so that he wheels in a day 137041 miles, in an hour 5710 miles, and in a minute 95 miles.

The body of *Mercury* is less then the Earth, 3000 times.

His greatest Elongation from the Sun (in respect of the Earths position) is sometimes but 17 deg. and never fully 29 deg. so that he is seldom seen of us.

He is *Retrograde* this year in motion. (1) from the 17 of *March* to the 9 of *April*. (2) from the 21 of *July* to the 13 of *August*. (3) From the 11 of *November*, to the last of the same; but at all other times this year, he is direct in motion.

He is a *Morning Star* from the beginning of the year to the 11 of *February*, at which time he is in conjunction with the Sun, and from thence



thence is an *Evening Star* to the 26 of *March*, then he is again a *Morning Star* to the 29 of *May*, from which time departing from the *Sun*, he becomes *Evening Star*, till the 3 of *August*, when he is again in *Conjunction* with the *Sun*, and from thence is a *Morning Star* to the 14 of *September*, from which day (being with the *Sun*) he is an *Evening Star* till the 20 of *November*, and from thence he is again a *Morning Star* till the 24 of *January* the next year, 1690. But because he is seldom seen, I forbear to say any more of this Planet at present.

#### Of Venus.

**N**EXT above *Mercury*, is the Orb and glittering Star of *Venus*, who maketh her Periodical-Revolution in her *Ellipsis* about the body of the *Sun* in 224 days.

It is from the *Sun* to the Sphere of *Venus* 3616104 miles, hence the Circuit of her Sphere is 22855511 miles.

Her mean Diurnal-motion is 1 deg. 36 min. 8 ser. so that she moveth in a day 101721 miles, in an ho. 42 38 miles, and in a min. 70 miles.

She is lesser then the *Earth* 147 times, and yet in respect of her vicinity to the *Earth* (in the lower part of her Orb) she appears much brighter then any Star in the whole *Firmament*, the *Sun* and *Moon* excepted, insomuch that she hath been often seen in the day-time, as at the Birth of our gracious King, and divers times since, as both my self, and others can testify: When she is a *Morning-Star* rising before the *Sun*, she is called *Lucifer*, but when an *Evening-Star* *Hesperus*, hence *Seneca de morte Claudii*.

*Qualis discediens fugientia Lucifer astra;  
Aut qualis surgis redantibus Hesperus astru.*

Her greatest Elongation from the *Sun* (as it is beheld from the *Earth*) is sometimes but 45 deg. and never fully 48 deg.

She is not *Retrograde* in motion this year.

She is a bright *Morning-Star* from the beginning of this year, till the 22 of *June*, at which time, being in *Conjunction* with the *Sun*, she becomes a glittering *Evening Star*, and so continues till the 11 day of *April*, 1670.

The 27 and 28 daies of *February*, she riseth at peep of day, 19 m. Southward of *Saturn*, and the 20 of *December*, she sets in the South-West, 20 m. from *Saturn* towards the *South* which will be worth the *Observation*.

#### Of the Earth.

**I**N the middle of all the Planets is the *Earth*, which (according to the *Copernican Systems*) being placed between the Orbs of *Mars* and *Venus*, accomplisheth her Revolution about the *Sun* in 365 daies, 5 ho. 49 min.

It is from the *Sun* to the body of the *Earth* 5021896 miles; the circuit of her Sphere is 31566207 miles, her diurnal motion 59 min. 8 ser.

Therefore the Center of the *Earth* is transfer'd in a day, 86418 miles, in an hour 3600 miles, and in a min. 60 miles. The

The body of the Earth is less then the Sun 33 times, and greater then the Moon 45 times, as may be seen in my *Astronomia Britannica*.

A Degree of a great Circle upon the Earths Superficies containeth 60 English miles.

Therefore the Diameter, or thickness of the Earth is 6872 miles, its Semidiameter 3436 miles.

The Circuit, or compass of the Earth and Water containeth 21600 m. In the Superficies of the Earth is contained 148450906 square miles. The whole Earth containeth 510131305785 cubical miles, that is to say every way square like a Die.

#### Of Mars.

NEXT above the Earth is the Planet *Mars*, who performs his Revolution about the Sun in one year, 321 daies, 23 ho. and 20 min.

It is from the Sun to the body of *Mars* 7635292 miles.

The Circuit of the Sphere of *Mars* is 47993264 miles, and his diurnal motion 31 min. 27 sec. so that he wheeleth in a day 69842 miles, in an hour 2910 miles, and in a min. 48 miles and a half.

The body of *Mars* is less then the Earth 146 times, and is thus noted ♄ according to that of *Ovid*:

*Bellice, depositis Clipao paulisper & Hastis,  
Mars ades*

*Mars*, *Jupiter*, and *Saturn* (contrary to the inferiour Planets (being placed without the perimiter of the Earths Orb, are sometime in Conjunction with the Sun, and sometime in Quadrature and opposition, which cannot be so in *Venus* and *Mercury*, in regard their Orbs are included in the Earths Ellipsis.

He is not Retrograde in motion this year.

He is a bright Evening Star from the beginning of this year, untill Mid-summer day, at which time he is in conjunction with the Sun, and from thence he is a Morning Star till the 12 of June, 1670.

The 14 of April *Mars* passeth on the South-side the *Pleiades*; or 7 Stars, the 28 day he is above *Oculus* ☿, the 24 of July he goeth by *Prosepe*, and so by the South-*Astellus* the 27 day; the 29 of August, by the *Lions-hearts*, and the 24 of November by the *Virgins* spik.

#### Of Jupiter.

NEXT above *Mars* is *Jupiter*, who runs his course in 11 Egyptian years, 315 daies, 14 ho. and 30 min.

It is from the Sun to *Jupiter* 26179152 Italian-miles.

The Circuit of the Sphere of *Jupiter* is 164554670 miles, and his diurnal motion about the Sun, 4°. 59'.

Hence he wheeleth every day 37996 miles, every hour 1583 miles, and every min. 26 miles.

He is less then the Earth one time, and is noted thus, ♃.

He is *Retrograde* in motion from the first of January this year, to the 13 of the same, and again from the 22 of *October*, to the 20 of February, the next year, 1670.

He is a bright Evening-Star from the beginning of the year, to the 13 of June, when he is in *Conjunction* with the Sun, and from thence is a Morning-Star to *S. Thomas day*, from whence he is again an Evening-Star to the 9 of July the next year.

He passeth by the *Bulls-Eye* in the beginning of February. On the 21 May, he is with *Mars* in the West, and the 9 of June with *Venus*, but being under the Sun-beams, they cannot be seen.

#### Of Saturn.

**S**aturn is the highest Planet in the *Planetary-system*, and slowest in motion; insomuch that he performeth but one *Revolution* about the Sun in 29 Egyptian years, 162 dayes, 1 ho. 58. min.

It is from the Sun to Saturn 47833576 miles.

So the Circuit of his Sphere is 300668192 miles. his proper daily motion is 2'. min. 0 set.

Therefore he wheeleth in a day, 35959 miles, in an hour 1498 miles, and in a min. 25 miles.

He is about once bigger then the *Earth*, and is thus noted ♄.

He is *Retrograde* in motion from the 26 of May, to the 13 of *October*, but all the rest of the year, he is direct, and moves according to the succession of the Signs.

He is an Evening-Star from the beginning of the year, to the 25 of January, at which time he is in *Conjunction* with the Sun, and from thence is a Morning-Star to the 4 of *August*, when he is in *opposition* to the Sun, and so becomes an *Evening-Star*, and so continues till the 10 of February, 1670.

He makes no remarkable transit by any of the Planets this year.

#### Of the Moon.

**T**he Moon is a *secondary Planet*, and retains the *Earth* for her Center about which she performs her *Revolution* in 27 dayes, 7 ho. 43. m.

It is from the center of the *Earth* to the Moon, 203236 miles.

The circumference of her Sphere is 4277489 miles. Her diurnal motion 13 deg. 10 min. 35 set.

So she wheeleth in a day 46757 miles, in an hour 1948 miles, and in min. 32 miles and a half.

She is lesser then the Sun 15924 times, and less then the *Earth* 49 times.

We'll know the Learned the truth of these things; and though they may seem incredible to the unlearned, yet if they will but acquaint themselves with the Theories of the Planets, and Calculations Astronomical, they may, doubtless much inform their understandings, and reform their judgments.

Quum respicio Caelos tuos, opus digitorum tuorum; Lunam & stellas, quas statuis; Quid est mortalis? Plal. 3. 4.

V. Wing.

**A**LL sorts of Mathematical Instruments both for Sea and Land, are  
exactly made in Brass and Wood, by my Ingenious Friend Mr. Wal-  
ther Hayes, at the Cross-Daggers in More-Fields, London.

**N**Ot long since, there came to my hands, a frivolous, idle Discourse, Written by one Street, entituled, *Examen Examinatum*. wherein I find nothing but impertinencies and nonsense. For after I had long since, in my *Examen Astronomiæ Carolinæ*, directed some of his errours and mistakes, or at least wise shew'd him how impossible it was, from the Observations yet made, to determine the Suns Horizontal Parallax exactly, he shuffles over the matter with two or three Authors Opinions about it, and utterly rejects what all other Astronomers have done and observed. And for his idle Cavils about the second, third, and fourth Sections, let any impartial Artist read the original Authors there quoted, and he may clearly see how he hath wrested, and inverted, many Observations to his purpose, whereby he hath abused his learned Authors. But because Street is so abusive in his expressions, as appears by his Writings, I shall take no further notice of him, but shall leave it to impartial Judges to make further trial whether his Tables, or mine, solve the Planetary motions most exactly; which is the main thing (by Street leave) we have both aim'd at.

**Reader.**

My Book which I long since promised, is now in the Press, and shortly will be published, entitled *Astronomia Britannica*, containing Five Treatises.

1. **L**ogistica Astronomica, or the Doctrine of Astronomical Fractions both in Natural and Artificial Numbers. 2. Trigonometria, or the Doctrine of Triangles both plain, and Spherical, by which the Planets Motions may be computed. 3. Doctrina Sphærica, or the Doctrine of the Sphere, exhibiting the Longitudes, and other positions of the Planets. 4. Theoria Planetarum, or a new and accurate Theory of the Planets founded upon the Copernican Hypothesis. 5. Tabulæ Novæ Astronomicae, or New Astronomical Tables of the Planetary Motions, and Eclipses according to the same Hypothesis. To be Sold by Geo: Sawbridge.

## Vincent Wins

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